PB89-122147

Compendium of Acceptable Uses (Use Index) for the Reregistration of Pesticide Products Containing Chlorinated Isocyanurates as the Active Ingredient

Environmental Protection Agency, Washington, DC

May 88

U.S. Department of Commerce
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Office of
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MAY 1988
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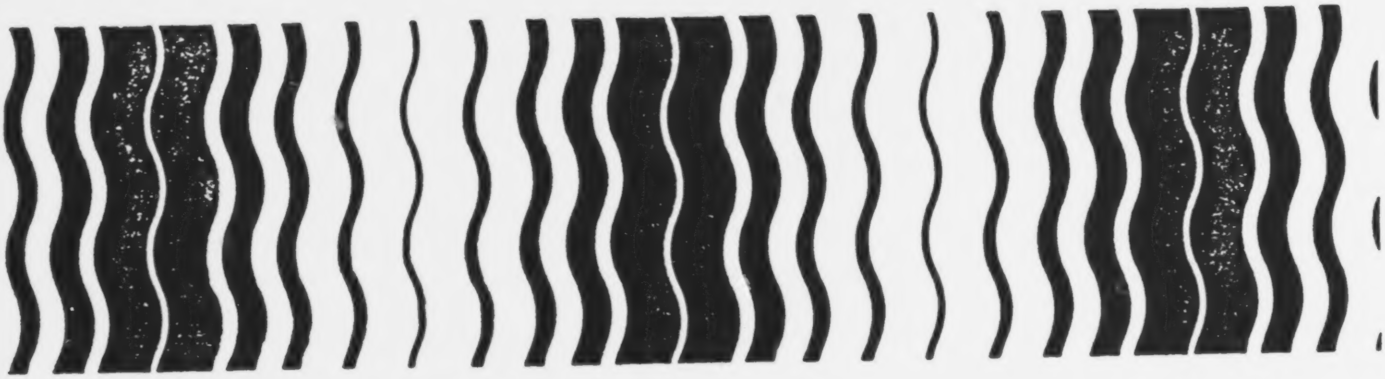
Pesticides

PB89-122147

EPA

Compendium of Acceptable Uses (Use Index) for the Reregistration of Pesticide Products Containing CHLORINATED ISOCYANURATES As the Active Ingredient



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This document contains information regarding the acceptable uses for pesticide products containing the subject active ingredient. The document may include aquatic non-food and indoor uses (such as household, commercial and industrial), types of pesticide, formulations, and general warnings and limitations.

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Department of Commerce

EPA Compendium of Acceptable Uses

Chlorinated Isocyanurates
(Shaughnessy Codes 081401, 081402, 081403,
081404, 081405, 081406 & 081407)

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DICHLORO-S-TRIAZINETRIONE

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DICHLORO-S-TRIAZINETRIONE*

TYPE PESTICIDE: Antimicrobial

FORMULATIONS:
G (0.8%)
SC/S (5%, 13%, 22%)

PRESENTATION OF INFORMATION: All final concentrations are expressed in parts per million (ppm) available chlorine. Concentrations are rounded to the nearest whole number when the value is less than 1,000 and to the third significant figure when the value is greater than 1,000. Dilutions are the ratio of the weight of the product to be diluted to the weight of water in which the product is diluted. The dilutions are rounded to the nearest whole number. For the purpose of ppm available chlorine concentration calculations, it is assumed that 71 percent of the total weight of the dichloro-s-triazinetrione product is available chlorine.
Definition of Terms:
ppm avail. Cl - parts per million available chlorine

GENERAL WARNINGS AND LIMITATIONS: This product is toxic to fish. Do not discharge into lakes, streams, ponds or public water unless in accordance with an NPDES permit. Do not get in eyes, on skin or clothing. Wear goggles or face shileds and rubber gloves when handling. Avoid breathing dust. Remove and wash contaminated clothing before reuse. May be fatal if swallowed. For further information, contact the Regional Office of EPA.

Triazinetriones are strong oxidants. Fire may result from contact with heat, acids, organic or combustible matter. Keep cover tightly closed. Store container in an upright position in a cool place. Do not mix with anything but water. Mixing with ammonia, acid detergents, or acid toilet bowl cleaners causes release of hazardous gasses.

Follow label directions for the disposal of the product container when empty.

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*dichloroisocyanuric acid

Site, Efficacy, Dosage and Formulation — Use Directions

INDOOR

(Agricultural Premises and Equipment)

60005JE
60000JF
770000A
71000JE
71000JF
71005JE
71005JF
72006JE

Dairy Farm Milking Equipment

General Instructions for Use: The products registered in this site are for use on dairy farm milking equipment and utensils. Products are used to sanitize milking machines, milk cans, tanks, lines, pails, inflations, teat cups, and similar equipment.

Clean and rinse all equipment prior to sanitization. Deposits of milk solids will interfere with sanitization, thus all contaminating milk residue must be flushed from equipment and equipment surfaces prior to sanitization. Activity of chemical sanitizers may be adversely affected by ingredients in washing compounds and organic matter carried over from the wash solution. A rinse between the cleaning and the sanitizing treatment is important in maintaining the strength of the sanitizing solution. A one-step cleaner-sanitizer may be used without prior cleaning.

Dilute product as directed to prepare sanitizing solution. Apply by circulation, immersion, wipe, swab, brush, or spray. Allow the solution to drain and air dry. Do not rinse the surface with water after sanitizing as this may recontaminate the surface.

Observe local regulations regarding contact time of sanitizing solutions. A 2 minute contact time is stipulated by health departments that follow the United States Public Health Service Ordinance and Code.

Sanitizing solutions used on food contact equipment and surfaces are regulated by the Food and Drug Administration and Indirect Food Additives under Title 21, Code of Federal Regulations, Section 178.1010. Solutions specified in this section may be safely used on food contact equipment and surfaces that are adequately drained before contact with food. The solutions may not exceed

Site, Efficacy, Dosage and Formulation	Use Directions
Dairy Farm Milking Equipment (continued)	
	specified concentrations (100 ppm available chlorine).
	Refer to Appendix F of the Grade 'A' Pasteurized Milk Ordinance - 1965 Recommendations of the United States Public Health Service for existing milk sanitization standards and local milk sanitization regulations.
23 Sanitizer	
117-118 ppm avail. Cl (5%, 22% SC/S)	Sanitization of precleaned equipment and utensils.
22 Disinfectant	
235-236 ppm avail. Cl (5%, 22% SC/S)	Disinfection and cleaning of equipment and utensils. Rinse with potable water.

Site, Efficacy, Dosage and Formulation — Use Directions

60000JF **Dairy Farm Premises**

General Instructions for Use: The products registered in this site are for use on floors, walls, and other non-food contact surfaces on Dairy Farm Premises.

Product is diluted with water and applied by rag, swab, sponge, brush, sprayer, or by immersion. Before sanitizer or disinfectant treatment, preclean and rinse all surfaces thoroughly. Remove gross filth from surfaces prior to treatment with one-step cleaner-disinfectants.

Non-food use limitation: No food tolerance has been established for product. Contamination of food or food animals by product residues is to be strictly avoided. Follow non-food use procedures:

1) Do not use in milking stalls, milking parlors, or milk houses (for phenolics, cresylic acid, and pine oils).
2) Remove all animals and feed from premises, vehicles, and enclosures.
3) Remove all litter and manure from floors, walls, and surfaces of barns, pens, stalls, chutes, and other facilities and fixtures occupied or traversed by animals.
4) Empty all troughs, racks, and other feeding and watering appliances.
5) Thoroughly clean all surfaces with soap or detergent and rinse with water.
6) Saturate all surfaces with the recommended disinfecting solution for a period of 10 minutes.
7) Immerse all halters, ropes, and other types of equipment used in handling and restraining animals, as well as forks, shovels, and scrapers used for removing litter and manure.
8) Ventilate buildings, cars, boats, and other closed spaces. Do not house livestock or employ treated equipment until product has been absorbed, set, or dried.
9) Thoroughly scrub all treated feed racks, mangers, troughs, automatic feeders, fountains, and waters with soap or detergent, and rinse with potable water before reuse.

Refer to Dairy Farm Milking Equipment for efficacy, dose, and use directions.

	Site, Efficacy, Dosage and Formulation	Use Directions
	(Household)	
630000A	Household Premises and Contents	
		General Instructions for Use: The product registered in this site is for use in household premises (i.e., walls, floors, fixtures) and contents (i.e., furnishings, equipment and other hard surfaces). Preclean surfaces prior to treatment when required. Dilute products as specified on labels. Apply by mop, wipe, scrub or spray. For mold/mildew control, preclean hard non-porous surfaces prior to treatment when required. Apply by sponge, cloth, mop or spray. Allow to dry. Do not rinse. Repeat periodically or when mold/mildew growth appears.
23	Sanitizer	
	118 ppm avail. Cl (5% SC/S)	Sanitization of precleaned surfaces. Use goggles and respirator.
22	Disinfectant	
	235-236 ppm avail. Cl (5% SC/S)	Disinfection of household premises.

Site, Efficacy, Dosage and Formulation	Use Directions

(Commercial and Industrial Uses)

770000A Commercial, Industrial, and Institutional Premises and Equipment (Non-Medical)

General Instructions for Use: The products registered in this site are for use on commercial, industrial, institutional, and public premises and equipment.

This site includes the premises and equipment of the following areas:

1) Commercial - hotels, motels, theaters, office buildings, airports, bus stations, and train terminals.
2) Industrial - factories, mills, and industrial plants and areas.
3) Institutional - schools, colleges, camps, corridors, offices, auditoriums, institutions, and asylums.
4) Public areas - public areas, public buildings, or public rooms.

"Premises" is defined to include: ceilings, doors, doorknobs, fixtures, floors, light switches, stairs, walls, windows, and woodwork.

Remove heavy surface soil or preclean surfaces prior to treatment as indicated by label instructions. One-step cleaner-sanitizers and cleaner-disinfectants may be used without prior cleaning of lightly or moderately soiled surfaces. Dilute product according to label directions. Apply product by mop, scrub, sponge, spray, or automatic machine process. Wet surfaces thoroughly. Allow recommended contact time. Drain surface or rinse with potable water where required.

23 Sanitizer

117-118 ppm avail. Cl (5%, 22% SC/S)	Sanitization of precleaned equipment and utensils.

Site, Efficacy, Dosage and Formulation	Use Directions
Commercial, Industrial, and Institutional Premises and Equipment (Non-Medical) (continued)	
22 Disinfectant	
235-236 ppm avail. Cl (5%, 22% SC/S)	Disinfection and cleaning of equipment and utensils. Rinse with potable water.

(Food and Feed Processing Plants)

General Information:
Equipment and food contact surfaces general instructions for use: Thoroughly clean and rinse equipment. Sanitize immediately before equipment is to be used, or as specified by local regulations. One-step sanitizer-cleaners and disinfectant-cleaners may be used without prior cleaning. Dilute product as directed. Application may be by wet wipe, scrub, flood, flush, rinse, circulation, immersion, or spray methods. Allow the solution to drain and air dry. Do not rinse the surface with water after sanitizing as this will recontaminate the surface.

Observe local regulations regarding contact period of the sanitizing solution. A 2 minute contact time is stipulated by health departments that follow the United States Public Health Service Ordinance and Code.

Sanitizing solutions are regulated by the Food and Drug Administration as Indirect Food Additives under Title 21, Code of Federal Regulations, Section 178.1010. Solutions specified in this section may be safely used on food processing equipment within the prescribed conditions. Solutions may not exceed specified concentrations (100 ppm available chlorine).

Premises (i.e., floors, walls, and other non-food contact surfaces) general instructions for use: Product dilutions may require a precleaning step before treatment. Remove all particulate contamination. Application may be by wiping, scrubbing, rinse, mop, or spray methods. Allow recommended contact time. Remove or carefully protect food products and food packaging materials before using quaternary ammonium products. Avoid contamination of food contact surfaces and food when applying pesticide solutions. Drain surfaces thoroughly. Rinse with potable water where required.

Site, Efficacy, Dosage and Formulation — Use Directions

1000JE **Food Processing Equipment and Surfaces (Food Contact)**

General Instructions for Use: The products registered in this site are for use on food processing equipment (i.e., blanchers, evaporators, fillers, tanks, vats, pipelines, valves, utensils, cutting boards, and other food contact surfaces).

Refer to Dairy Farm Milking Equipment for efficacy, dose, and use directions.

71000JF **Food Processing Plant Premises**

General Instructions for Use: The products registered in this site are for use on food processing plant premises (i.e., floors, walls, and other nonfood contact surfaces).

Refer to Dairy Farm Milking Equipment for efficacy, dose, and use directions.

71008JE **Meat Processing Equipment**

General Instructions for Use: The product registered in this site is for use on food contact surfaces in meat processing plants (i.e., work tables, cutting block surfaces, saws, grinders, utensils, coolers, cleavers, gambrels, carts, trays, racks, trolleys, and similar equipment or food contact surfaces in meat packing plants, slaughter houses, smoke houses, and meat processing plants).

.23 Sanitizer

118 ppm avail. Cl (5% SC/S) — Sanitization of precleaned equipment by flowing, immersion, wiping or scrubbing for at least 2 minutes. Then drain thoroughly and allow to air dry.

71005JE **Milk Processing Equipment**

General Instructions for Use: The products registered in this site are for use in milk and dairy processing plants. Included in this section are products used to sanitize blanchers, evaporators, homogenizers, holding tanks, pipelines, valves, utensils, butter starter tanks, cheese processing equipment and utensils, and similar milk contact equipment.

Refer to Dairy Farm Milking Equipment for efficacy, dose, and use directions.

Site, Efficacy, Dosage and Formulation | Use Directions

'71005JF **Milk Processing Plant Premises**

General Instructions for Use: The products registered in this site are for use in milk and dairy processing plant premises (i.e., floors, walls, ceilings, and other non-food contact surfaces).

Refer to Dairy Farm Milking Equipment for efficacy, dose, and use directions.

(Eating Establishments)

'72006JE **Eating Establishment Equipment and Utensils**

General Instructions for Use: The products registered in this site are for use on equipment and utensils in eating establishments (i.e., restaurants, taverns, bars, cafeterias, etc.) where food and beverages are served. Utensils include silverware, dishes, glassware, and similar cooking and eating utensils. Equipment includes fixtures, stoves, sinks, and refrigerators.

Sanitizers which are registered for use on food contact surfaces are required to be in compliance with the food additive regulations identified in Title 21 Code of Federal Regulations, Section 178.1010, Sanitizing solutions.

Sanitizer food contact surface treatment instructions:
1) Remove surface soils by scraping or flushing with water.
2) Wash with a suitable detergent or cleaner.
3) Rinse with potable water.
4) Dilute product according to label directions.
5) Apply by immersion, flooding, spraying, mopping, sponging, or wiping making sure to wet all surfaces thoroughly.
6) Allow for the specified contact time (at least 2 minutes).
7) Allow the use solution to drain and air dry.
8) Do not rinse the surface with water after sanitizing as this will recontaminate the surface.

Follow label instructions for products registered for use on food contact surfaces which are disinfectants.

Site, Efficacy, Dosage and Formulation	Use Directions

Eating Establishment Equipment and Utensils (continued)

23 Sanitizer

116-118 ppm avail. Cl (5%, 13% SC/S)	Sanitization of precleaned equipment and utensils.

Listing of Registered Pesticide Products by Formulation

000.8004 0.8% granular
dichloro-s-triazinetrione (081401) 0.8%
006466-00012*
*jacket currently unavailable for review

005.0015 5% soluble concentrate/solid
dichloro-s-triazinetrione (081401) 5%
008428-00008

013.0015 13% soluble concentrate/solid
dichloro-s-triazinetrione (081401) 13%
004389-00013

022.0015 22% soluble concentrate/solid
dichloro-s-triazinetrione (081401) 22%
008428-00009

999999 State Label Registrations

FL Reg. No.
035227-04460 037939-09403 037939-09506

CA Reg. No.
037851-08312

EPA Compendium of Acceptable Uses

CYANURIC ACID

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None.

081402

CYANURIC ACID

TYPE PESTICIDE: None.

FORMULATIONS: (98% G)

PRESENTATION OF INFORMATION: See Auxiliary Documentation.

Listing of Registered Pesticide Products by Formulation

098.0004 **98% granular**

	cyanuric acid (081402)	98%
	008544-00003	

9999999 **State Label Registration**

CA Reg. No.
011211-05429

POTASSIUM DICHLORO-S-TRIAZINETRIONE

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POTASSIUM DICHLORO-S-TRIAZINETRIONE*

TYPE PESTICIDE: Algaecide, Antimicrobial, Fungicide

FORMULATIONS:

Tech	(99%, 100%)
FI	(40%)
G	(10%, 25.38%, 35.25%, 50.76%, 76.14%, 97%, 97.5%, 99%, 100%)
P/T	(41%, 60%, 99%)
WP	(0.3%, 0.8%, 0.85%)
SC/S	(3%, 4.52%, 5%, 5.4%, 5.5%, 6%, 6.8%, 6.9%, 7%, 10%, 13.8%, 16%, 25%, 28%, 31.48%, 33.9%, 40%, 60%, 100%)

PRESENTATION OF INFORMATION: All final concentrations are expressed in parts per million (ppm) available chlorine. Concentrations are rounded to the nearest whole number when the value is less than 1,000 and to the third significant figure when the value is greated than 1,000. Dilutions are the ratio of the weight of the product to be diluted to the weight of water in which the product is diluted. The dilutions are rounded to the nearest whole number. For the purpose of ppm available chlorine concentration calculations, it is assumed that 59 percent of the total weight of the potassium dichloro-s-triazinetrione product is available chlorine.
Definition of Terms:
ppm avail. Cl - parts per million available chlorine

GENERAL WARNINGS AND LIMITATIONS: Triazinetriones are strong oxidants. Fire may result from contact with heat, acids, organic or combustible matter. Keep cover tightly closed. Store container in an upright position in a cool place. Do not mix with anything but water. Mixing with ammonia, acid detergents, or acid toilet bowl cleaners causes release of hazardous gasses.

Read labels very carefully for specific warnings, human toxicity statements, and environmental cautions.

Follow label directions for the disposal of the product container when empty.

Environmental Hazard: Potassium dichloro-s-triazinetrione is toxic to fish. Keep out of lakes, streams, ponds or public water unless in accordance with NPDES permit. For guidance consult the regional office of EPA.

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*potassium dichloroisocyanurate

Site, Efficacy, Dosage and Formulation	Use Directions

AQUATIC NONFOOD

(Aquatic Sites)

65018MA
65019MA Air Washer Water Systems

General Instructions for Use: The product registered for this site is intended to control the growth of slime-forming bacteria, fungi, and algae.

Badly fouled systems must be cleaned by any suitable means before treatment is begun. Make application at a point in the system where the chemical will be uniformly mixed. When algal or microbial growth is noticed, an initial high concentration dosage is used and repeated until control is achieved. When control is evident, a subsequent dosage of lower concentration is used to maintain control. Should algae or slime become visible again, the initial slug dose should be used, followed by the maintenance procedure.

28 Microbicide/microbistat

BABAAA Slime-forming bacteria

YAFQBB Slime-forming fungi

KAAAAA Algae

13 ppm avail. Cl (99% G)	Initial slug treatment. Use 3 ounces of product per 1,000 gallons of water. Repeat initial dosage until control is evident.
9 ppm avail. Cl (99% G)	Subsequent slug treatment. When microbial control is evident, use 2 ounces of product per 1,000 gallons of water. Repeat every 2 days or as needed to maintain the recommended chlorine residual.

'65019MA Commercial and Industrial Water Cooling Towers and Evaporative Condensers

General Instructions for Use: The products registered for this site are intended to control the growth of slime-forming bacteria, fungi, and algae which impair the efficiency of the system. Methods of application may be slug feed treatment, intermittent feed treatment, or continuous feed treatment.

Slug Feed Treatment - Treatment that involves addition of a specified dose to the system at 1 time. Treatment may be repeated at intervals, usually once a day or less frequently.

Intermittent Feed Treatment - Treatment that is on a semi-continuous basis. Provides a continuous dosage over a brief period and is repeated at stated intervals.

Continuous Feed Treatment - Treatment that is on an uninterrupted basis to provide a sustained concentration. Usually an initial slug dose is used to establish control prior to continuous treatment.

When algal or microbial growth is noticed, an initial high concentration dosage is used and repeated until control is achieved. When control is evident, a subsequent dosage of lower concentration is used to maintain control. Should algae or slime become visible again, the initial slug dose should be used, followed by the maintenance procedure.

Badly fouled systems must be cleaned by any suitable means before treatment is begun.

Products may be fed by drip-feed device, measuring container, or suitable chemical pump such as proportioning, variable speed positive displacement, or reciprocating types. Manual additions may also be used. Products should be fed at a location in the system where they will be uniformly mixed and evenly distributed.

Refer to Air Washer Water Systems for efficacy, dose, and use directions.

	Site, Efficacy, Dosage and Formulation	Use Directions
65005MA	Food Processing Water	General Instructions for Use: The products registered in this site are for use in food processing water as disinfectants. Included in this site are products used to treat fruit wash water and vegetable wash water. Add product directly to the process water. Apply by manual or automatic methods. Product directions may recommend use of a stock solution. Add product to the system at a point of uniform mixing and distribution. When chlorine products are used to treat process water systems, the levels of available chlorine should be regularly monitored. Maintain the recommended level of available chlorine within the system. Apply product only as specified on the label and technical data sheet.
22	Disinfectant	
	[MAI] 332 ppm avail. Cl (31.48% SC/L)	Disinfection of fruit wash water and vegetable wash water. Before disinfection, remove bruised and torn leaves of fruits and vegetables. Do not cut or peel fruits or vegetables before disinfecting. Wash thoroughly in a freshly prepared solution. After washing, completely immerse the fruits and vegetables for 10 minutes in another freshly prepared solution. Stir occasionally to obtain thorough wetting. After 10 minutes of immersion, remove the fruits and vegetables from the disinfectant solution and rinse thoroughly with potable water. Formulated with potassium iodine.

Site, Efficacy, Dosage and Formulation	Use Directions

65011MA Swimming Pool Water

General Instructions for Use: The products registered for this site are intended to be used as disinfectants and algaecides. Treatment procedures for swimming pool water include initial treatment for newly filled pools, maintenance treatment, shock treatment, and winterizing treatment. Depending upon label directions, products may be used undiluted or dissolved in water and poured along edge of the pool.

Initial Treatment. For the initial treatment of newly filled pools with no visible algae or for pool start-up, 1 or more high doses are added until a residual of at least 2 ppm is established.

Maintenance Treatment. If treated pool water is recycled, the maintenance dose is added every 5 to 7 days to maintain a residual of 1 to 3 ppm. If the pool water is not recycled or filtered, it has to be tested periodically to determine the active ingredient content. When necessary, a maintenance dose is added to maintain a residual of 1 to 3 ppm. The frequency of treatment depends upon weather conditions, bather load, and airborne contaminants.

Shock Treatment. Shock treatment or booster applications should be made when there are visible algae, after a heavy rain or storm, or when there is a heavy bather load. When treated for visible algae, vacuum pool after 24 hours to remove algal debris. Shock treatment should be repeated until control is evident. Re-entry into the pool should be restricted until after the residual has fallen to 2 ppm.

Winterizing Treatment. Product is added to pool water to control the growth of algae during the winter months. Add product prior to covering pool for the winter.

22 Disinfectant

KAAAAA -- Algae

0.9-4.4 ppm avail. Cl (97%, 99%, 100% G) (100% SC/S)	Initial pool water treatment. Repeat daily until a residual of 1.0 to 3.0 ppm is established. May be formulated with alkyl*dimethyl benzyl ammonium chloride alkyl (58% C14, 28% C16, 14% C12) or trichloro-s-triazinetrione.

Site, Efficacy, Dosage and Formulation	Use Directions
Swimming Pool Water (continued)	
[MAI] 0.9-1.9 ppm avail. Cl (25.38%, 50.76%, 76.14% G) or 1.8-1.9 ppm avail. Cl (60% P/T) (60% SC/S)	
0.5-1.3 ppm avail. Cl (97%, 97.5%, 99%, 100% G) (100% SC/S)	Maintenance pool water treatment. May be formulated with alkyl*dimethyl benzyl ammonium chloride *alkyl (58% C14, 28% C16, 14% C12) or trichloro-s-triazinetrione.
[MAI] 0.4-0.9 ppm avail. Cl (25.38%, 50.76%, 76.14% G) or 0.9 ppm avail. Cl (60% P/T) (60% SC/S)	
4.4-8.7 ppm avail. Cl (99%, 100% G) (99% P/T)	Shock pool water treatment. May be formulated with trichloro-s-triazinetrione.
[MAI] 0.7-1.4 ppm avail. Cl (25.38%, 50.76%, 76.14% G)	

Site, Efficacy, Dosage and Formulation	Use Directions
Swimming Pool Water (continued)	
0.4-1.7 ppm avail. Cl (97%, 100% G) (99% P/T) or 17.5 ppm (35.25% G)	Pool water treatment.
[MAI] 1.7-1.8 ppm avail. Cl (60% P/T) (60% SC/S)	Wader or splasher pool water treatment. Formulated with alkyl*dimethyl benzyl ammonium chloride *alkyl (58% C14, 28% C16, 14% C12).

Site, Efficacy, Dosage and Formulation	Use Directions

INDOOR

(Animals and Their Man-Made Premises)

58006GA Hatchery Equipment

General Instructions for Use: The product registered in this site is for use on hatchers, incubators, brooders, setters, trays, buggies, and other hatchery surfaces.

The product is diluted with water. Application is by spray, wash, sponge, mop, brush, cloth, or automated system.

Non-food use limitation: No food tolerance has been established for product. Contamination of food or food animals by product residues is to be strictly avoided. Follow non-food use procedures.

1) Remove all poultry and feeds from premises, trucks, coops, and crates.
2) Remove all litter and droppings from floors, walls, and surfaces of facilities occupied or traversed by poultry.
3) Empty all troughs, racks, and other feeding and watering appliances.
4) Thoroughly clean all surfaces with soap or detergent and rinse with water.
5) Saturate surfaces with the recommended disinfecting solution for a period of 10 minutes.
6) Ventilate buildings, coops, and other closed spaces. Do not house poultry or employ equipment until treatment has been absorbed, set, or dried.
7) Thoroughly scrub treated feed racks, troughs, automatic feeders, fountains, and waterers with soap or detergent, and rinse with potable water before reuse.

22 Disinfectant

440 ppm avail. Cl (10% SC/S)	Disinfectant-cleaner for hard non-porous surfaces.
660 ppm avail. Cl (10% SC/S)	Disinfectant-cleaner for porous and hard-to-clean surfaces.

	Site, Efficacy, Dosage and Formulation	Use Directions
580040A	Hatching Egg Treatment	General Instructions for Use: The products registered in this site are used to sanitize hatching eggs to reduce bacterial contamination. For treatment of eggs for human consumption, see Commercial Egg Treatment. Treat eggs prior to incubation, soon after gathering. Product directions may require prewashing the eggs. Grossly soiled eggs should not be used for hatching. Dilute product and apply by dipping, by spraying, or by cloth. The temperature of the solution should be warmer than the eggs to prevent infusion of the product solution into the eggs. A temperature of 110 to 120 F (43.3 to 48.9 C) is usually recommended. A potable water rinse is specified for some products.
23	Sanitizer	
	52 ppm avail. Cl (5% SC/S)	Sanitization of hatching eggs. Immerse eggs for 3 minutes, then allow to drain. Do not wash more than 3 dozen eggs per gallon of solution.
	180-200 ppm avail. Cl (33.9% SC/S)	Sanitization of hatching eggs.

Site, Efficacy, Dosage and Formulation

Use Directions

(Agricultural Premises and Equipment)

'580010A Commercial Egg Treatment

General Instructions for Use: The products registered in this site are for use in cleaning and sanitizing commercial eggs (i.e., eggs intended for human consumption). These products reduce bacteria on egg shell surfaces which cause spoilage of fresh and storage eggs.

Single step method: Product is used for cleaning and sanitizing of eggs in one-step.

Two step method: Procedure requires 2 steps: 1) the initial cleaning of eggs and gross reduction of bacteria, followed by 2) final sanitization with a sanitizing rinse. Products may be cleaners and sanitizers or sanitizers only. Cleaners and sanitizers are used in the first step or in both steps. Sanitizers are used only in the final sanitizing step.

Eggs are treated by spray, dip, or immersion. Label directions may specify use of product in 1) spray, tank-type, brush, oscillating, propeller, airaction, automatic conveyor, or systemized continuous washers; 2) basket or immersion washers; or 3) manual washing operations. Follow manufacturer's instructions for use of products in specific washer units. For immersion washing, a 2 to 5 minute immersion of eggs is specified. For egg plants operating under United States Department of Agriculture supervision, immersion of eggs in water is no longer permitted.

For federally inspected egg plants, operating under the supervision of the United States Department of Agriculture, follow the regulations of the U.S.D.A. Egg Grading Branch for washing egg shells.

U.S.D.A. recommended shell egg washing procedures:
1) Wash eggs promptly after gathering.
2) Do not try to clean excessively dirty eggs.
3) Water with an iron content in excess of 2 parts per million should not be used.
4) Do not reuse wash water except when used in a continuous type washer.
5) Wash water temperature to be 90 F (32.2 C) or higher.
6) Maintain wash water at a temperature 20 to 40 F (11.1 to 22.2 C) warmer than the eggs.

Commercial Egg Treatment (continued)

7) Spray rinse washed eggs with warm potable water containing an approved sanitizing compound.
8) Eggs should be reasonably dry before casing or breaking.

Observe specific product directions concerning requirements for product dilution, water temperature, contact time, and potable water rinse. A thorough potable water rinse should be specified after final sanitizing treatment of eggs with residual sanitizer compound if eggs are to be immediately broken for use in the manufacture of egg products.

23 Sanitizer

80-103 ppm avail. Cl (5%, 5.4%, 25%, 33.9% SC/S) — Sanitization of precleaned eggs.

60005JE Dairy Equipment (Unspecified)

General Instructions for Use: The products registered in this site are for use on dairy equipment and dairy milk-contact surfaces. Note: Products were placed in this entry when the product label used the term "dairy" without specifying dairy farm (milk production) and/or dairy plant (milk processing).

Clean and rinse all equipment prior to sanitization. Deposits of milk solids will interfere with sanitization, thus all contaminating milk residue must be flushed from equipment and equipment surfaces prior to sanitization. Activity of chemical sanitizers may be adversely affected by ingredients in washing compounds and organic matter carried over from the wash solution. A rinse between the cleaning and the sanitizing treatment is important in maintaining the strength of the sanitizing solution. A one-step cleaner-sanitizer may be used without prior cleaning.

Dilute product as directed to prepare sanitizing solutions. Apply by circulation, immersion, wipe, swab, brush, or spray. Allow the solution to drain and air dry. Do not rinse the surface with water after sanitizing as this will recontaminate the surface.

Site, Efficacy, Dosage and Formulation	Use Directions

Dairy Equipment (Unspecified) (continued)

Observe local regulations regarding contact time of sanitizing solutions. A 2 minute contact time is stipulated by health departments that follow the United States Public Health Service Ordinance and Code.

Sanitizing solutions used on food contact equipment and surfaces are regulated by the Food and Drug Administration and Indirect Food Additives under Title 21, Code of Federal Regulations, Section 178.1010. Solutions specified in this section may be safely used on food contact equipment and surfaces that are adequately drained before contact with food. The solutions may not exceed specified concentrations (100 ppm available chlorine).

Refer to appendix F of the Grade 'A' Pasteurized Milk Ordinance - 1965 Recommendations of the United States Public Health Service for existing milk sanitization standards and local milk sanitization regulations.

.23 Sanitizer

100-112 ppm avail. Cl (6%, 6.9%, 13.8% SC/S) or 221 ppm avail. Cl (40% SC/S)	Sanitization of precleaned equipment and utensils.
192 ppm avail. Cl (41% P/T)	Sanitizer-cleaner for equipment and utensils.

.22 Disinfectant
.24 Deodorizer

593-597 ppm avail. Cl (6.9%, 13.8% SC/S)	Disinfectant-cleaner for equipment and utensils. Rinse treated food contact surfaces with potable water before reuse.

	Site, Efficacy, Dosage and Formulation	Use Directions
'60005JE	Dairy Farm Milking Equipment	
		General Instructions for Use: The products registered in this site are for use on dairy farm milking equipment and utensils. Products are used to sanitize milking machines, milk cans, tanks, lines, pails, inflations, teat cups, and similar equipment. Refer to Dairy Equipment (Unspecified) for general instructions for use.
.23	Sanitizer	
	55 ppm avail. Cl (10% G) or 100-101 ppm avail. Cl (4.52%, 16% SC/S)	Sanitization of precleaned equipment and utensils.
.22	Disinfectant	
.24	Deodorizer	
	200-247 ppm avail. Cl (4.52%, 7% SC/S)	Disinfection of precleaned equipment and utensils.

	Site, Efficacy, Dosage and Formulation	Use Directions
60000A	Dairy Farm Premises	

General Instructions for Use: The products registered in this site are for use on floors, walls, and other non-food contact surfaces on Dairy Farm Premises.

Product is diluted with water and applied by rag, swab, sponge, brush, sprayer, or by immersion. Before sanitizer or disinfectant treatment, preclean and rinse all surfaces thoroughly. Remove gross filth from surfaces prior to treatment with one-step cleaner-disinfectants.

Non-food use limitation: No food tolerance has been established for product. Contamination of food or food animals by product residues is to be strictly avoided. Follow non-food use procedures:

1) Do not use in milking stalls, milking parlors, or milk houses (for phenolics, cresylic acid, and pine oils).
2) Remove all animals and feed from premises, vehicles, and enclosures.
3) Remove all litter and manure from floors, walls, and surfaces of barns, pens, stalls, chutes, and other facilities and fixtures occupied or traversed by animals.
4) Empty all troughs, racks, and other feeding and watering appliances.
5) Thoroughly clean all surfaces with soap or detergent and rinse with water.
6) Saturate all surfaces with the recommended disinfecting solution for a period of 10 minutes.
7) Immerse all halters, ropes, and other types of equipment used in handling and restraining animals, as well as forks, shovels, and scrapers used for removing litter and manure.
8) Ventilate buildings, barns, boats, and other closed spaces. Do not house livestock or employ treated equipment until product has been absorbed, set, or dried.
9) Thoroughly scrub all treated feed racks, mangers, troughs, automatic feeders, fountains, and waters with soap or detergent, and rinse with potable water before reuse.

23	Sanitizer	
	112 ppm avail. Cl (6% SC/S) or	Sanitization of precleaned non-porous surfaces.

	Site, Efficacy, Dosage and Formulation	Use Directions
	Dairy Farm Premises (continued)	
	221 ppm avail. Cl (40% SC/S)	
.22 .24	Disinfectant Deodorizer	
YABQBB	Mold/mildew	
	604 ppm avail. Cl (16% SC/S)	Disinfection, deodorization, and mold/mildew control of precleaned surfaces.
52000JA 52000GA	Livestock Premises and Equipment	General Instructions for Use: The products registered in this site are for use on livestock premises and equipment. Livestock includes cattle, hogs, sheep, horses, goats, and other food producing animals. Refer to Dairy Farm Premises for general instructions for use.
.22	Disinfectant	
	440 ppm avail. Cl (10% SC/S)	Disinfectant-cleaner for non-porous surfaces.
	658 ppm avail. Cl (10% SC/S)	Disinfectant-cleaner for porous and hard-to-clean surfaces.

	Site, Efficacy, Dosage and Formulation	Use Directions
55000JA 55000GA	Poultry House Premises and Equipment	

General Instructions for Use: The products registered in this site are for use in poultry houses, including broiler, layer, and brooder houses, cages, coops, crates, feeding and watering equipment and other equipment found on these premises.

Dilute product with water. Apply by cloth, swab, sponge, brush, spray, or immersion. Before sanitizer or disinfectant treatment, preclean and rinse all surfaces thoroughly. Remove gross filth from surfaces prior to treatment with one-step cleaner-disinfectants.

Non-food use limitation: No food tolerance has been established for product. Contamination of food or food animals by product residues is to be strictly avoided. Follow non-food use directions:

1) Remove all poultry and feeds from premises, trucks, coops, and crates.
2) Remove all litter and droppings from floors, walls, and surfaces of facilities occupied or traversed by poultry.
3) Empty all troughs, racks, and other feeding and watering appliances.
4) Thoroughly clean all surfaces with soap or detergent and rinse with water.
5) Saturate surfaces with the recommended disinfecting solution for a period of 10 minutes.
6) Ventilate buildings, coops, and other closed spaces. Do not house poultry or employ equipment until treatment has been absorbed, set, or dried.
7) Thoroughly scrub treated feed racks, troughs, automatic feeders, fountains, and waterers with soap or detergent, and rinse with potable water before reuse.

23	Sanitizer	
	221 ppm avail. Cl (10% SC/S)	Sanitizer-cleaner for equipment.
22 24	Disinfectant Deodorizer	
	440 ppm avail. Cl (10% SC/S)	Disinfectant-cleaner for non-porous surfaces.

Site, Efficacy, Dosage and Formulation	Use Directions
Poultry House Premises and Equipment (continued)	
607-932 ppm avail. Cl (10% SC/S)	Disinfectant-cleaner for porous or hard-to-clean surfaces.

(Commercial and Industrial Uses)

(Food and Feed Processing Plants)

General Information:

Equipment and food contact surfaces general instructions for use: Thoroughly clean and rinse equipment. Sanitize immediately before equipment is to be used, or as specified by local regulations. One-step sanitizer-cleaners and disinfectant-cleaners may be used without prior cleaning. Dilute product as directed. Application may be made by wet wipe, scrub, flood, flush, rinse, circulation, immersion, or spray methods. Allow the solution to drain and air dry. Do not rinse the surface with water after sanitizing as this will recontaminate the surface.

Observe local regulations regarding contact period of the sanitizing solution. A 2 minute contact time is stipulated by health departments that follow the United States Public Health Service Ordinance and Code.

Sanitizing solutions are regulated by the Food and Drug Administration as Indirect Food Additives under Title 21, Code of Federal Regulations, Section 178.1010. Solutions specified in this section may be safely used on food processing equipment within the prescribed conditions. The solutions may not exceed specified concentrations (100 ppm available chlorine).

Follow label instructions for products registered for use on food contact surfaces which are disinfectants.

Premises (i.e., floors, walls, and other non-food contact surfaces) general instructions for use: Product directions may require a precleaning step before treatment. Remove all particulate contamination. Application may be by wipe, scrub, rinse, mop, or spray. Allow recommended contact time. Remove or carefully protect food products and food packaging materials before using quaternary ammonium products. Avoid contamination of food contact surfaces and food when applying pesticide solutions. Drain surfaces thoroughly. Rinse with potable water where required.

For mold/mildew control, preclean hard non-porous surfaces prior to treatment when required. Apply by sponge, cloth, mop, or spray. Allow to dry. Do not rinse. Repeat periodically or when mold/mildew growth appears.

	Site, Efficacy, Dosage and Formulation	Use Directions
71019JE	Beverage Processing Equipment	General Instructions for Use: The products registered in this site are for use on beverage processing equipment. Beverage processing equipment includes utensils, tanks, vats, hoses, pipelines, fillers, capping, crowning, and bottling equipment and other beverage contact equipment used in beverage, soft drink, carbonated beverage, and bottling plant processing. Included in this section are products intended for final sanitizing of beverage bottles, cans, and other containers.
.23	Sanitizer	
	100-101 ppm avail. Cl (6.8%, 6.9%, 13.8%, 16% SC/S)	Sanitization of precleaned equipment and utensils.
.22 .24	Disinfectant Deodorizer	
	593-597 ppm avail. Cl (6.9%, 13.8% SC/S)	Disinfection and deodorization of surfaces. Rinse treated food contact surfaces with potable water before reuse.
71019JF 71003JF	Beverage Processing Plant Premises	General Instructions for Use: The products registered for use in this site are for use on beverage processing plant premises (i.e., floors, walls, and other non-food contact surfaces).
.22 .24	Disinfectant Deodorizer	
YABQBB	Mold/mildew	
	604-1,200 ppm avail. Cl (16% SC/S)	Disinfection, deodorization, and mold/mildew control for surfaces.

	Site, Efficacy, Dosage and Formulation	Use Directions
71003JF	Brewery Premises	General Instructions for Use: The products registered in this site are for use on brewery premises (i.e., floors, walls, and other non-food contact surfaces). Also refer to Beverage Processing Plant Premises for efficacy, dose, and use directions.
23	Sanitizer	
	112-221 ppm avail. Cl (6%, 40% SC/S)	Sanitization of precleaned surfaces.
22	Disinfectant	
23	Deodorizer	
YABQBB	Mold/mildew	
	604-1,200 ppm avail. Cl (16% SC/S)	Disinfection, deodorization, and mold/mildew control for surfaces.
71003JE	Brewery Processing Equipment	General Instructions for Use: The products registered in this site are for use on brewery processing equipment. Brewery processing equipment includes utensils, tanks, vats, hoses, pipelines, fillers, capping and crowning equipment, filters, fermenters, and other food contact equipment used in brewery processing.
3	Sanitizer	
	100-112 ppm avail. Cl (6%, 6.9%, 13.8%, 16% SC/S) or 221 ppm avail. Cl (40% SC/S)	Sanitization of precleaned equipment and utensils.

	Site, Efficacy, Dosage and Formulation	Use Directions
	Brewery Processing Equipment (continued)	
.22 .24	Disinfectant Deodorizer	
	593-597 ppm avail. Cl (6.9%, 13.8% SC/S)	Disinfection and deodorization of surfaces. Rinse treated food contact surfaces with potable water before reuse.
71022JE 71008JE 71009JE	Fish and Seafood Processing Equipment	
		General Instructions for Use: The product registered in this site is for use on fish and seafood processing equipment.
.23	Sanitizer	
	100 ppm avail. Cl (13.8% SC/S)	Sanitization of precleaned equipment.
.22 24	Disinfectant Deodorizer	
	597 ppm avail. Cl (13.8% SC/S)	Disinfection and deodorization of surfaces. Rinse treated food contact surfaces with potable water before reuse.
71000JE	Food Processing Equipment and Surfaces (Food Contact)	
		General Instructions for Use: The products registered in this site are for use on food processing equipment (i.e., blanchers, evaporators, fillers, tanks, vats, pipelines, valves, utensils, cutting boards, and other food contact surfaces).
23	Sanitizer	
	55-112 ppm avail. Cl (6%, 6.8%, 6.9%, 13.8%, 16%, 25% SC/S)	Sanitization of precleaned equipment.
	165-221 ppm avail. Cl (3%, 5%, 40% SC/S)	Sanitizer-cleaner for equipment. Rinse with potable water.

	Site, Efficacy, Dosage and Formulation	Use Directions
	Food Processing Equipment and Surfaces (Food Contact) (continued)	
22 24	Disinfectant Deodorizer	
	593-603 ppm avail. Cl (6.9%, 13.8% SC/S)	Disinfection and deodorization of surfaces. Rinse treated food contact surfaces with potable water before reuse.
	[MAI] 266 ppm avail. Cl (31.48% SC/L)	Disinfection of mess gear (intended for use only when hot water rinse is not available). To treat 100 sets of mess gear, immerse utensils and/or mess gear in a freshly prepared solution. Repeat the process in a second container containing the same concentration. Allow mess gear to air dry. Prepare new solution each time. Formulated with potassium iodine.
71000JF	Food Processing Plant Premises	General Instructions for Use: The products registered in this site are for use on food processing plant premises (i.e., floors, walls, and other non-food contact surfaces).
23	Sanitizer	
	112-262 ppm avail. Cl (3%, 6%, 40% SC/S)	Sanitization of surfaces.
22 24	Disinfectant Deodorizer	
YABQBB	Mold/mildew	
	437 ppm avail. Cl (5% SC/S)	Disinfectant-cleaner for surfaces.
	604-1,200 ppm avail. Cl (16% SC/S)	Disinfection, deodorization, and mold/mildew control for surfaces.

	Site, Efficacy, Dosage and Formulation	Use Directions
71008JE	Meat Processing Equipment	General Instructions for Use: The product registered in this site is for use on food contact surfaces in meat processing plants (i.e., work tables, cutting block surfaces, saws, grinders, utensils, coolers, cleavers, gambrels, carts, trays, racks, trolleys, and similar equipment or food contact surfaces in meat packing plants, slaughter houses, smoke houses, and meat processing plants). Refer to Fish and Seafood Processing Equipment for efficacy, dose, and use directions.
71008JF	Meat Processing Plant Premises	General Instructions for Use: The products registered in this site are for use as disinfectants and sanitizers for meat processing plant premises (i.e., walls, floors, and other non-food contact surfaces). Product directions may require precleaning before treatment. Remove all particulate contamination. Application may be by wipe, scrub, rinse, mop, or spray. Remove or carefully protect food products and food packaging materials before using products. Avoid contamination of food contact surfaces and food when applying pesticide solutions. Drain surfaces thoroughly. Rinse with potable water where required. Sanitizer solutions containing 100 ppm available chlorine should be tested periodically with a chlorine test kit. When solution depreciates to less than 50 ppm available chlorine, it should be discarded. If test methods are unavailable, the strength of sanitizing solution should be doubled. Always rinse food contact surfaces with potable water following application of double strength solution.
22	Disinfectant	
	442 ppm avail. Cl (10% G)	Disinfectant-cleaner for surfaces. Rinse treated food contact surfaces with potable water before reuse.
	1,326 ppm avail. Cl (10% G)	Disinfectant-cleaner for porous surfaces. Rinse treated food contact surfaces with potable water before reuse.

	Site, Efficacy, Dosage and Formulation	Use Directions
/71005JE	Milk Processing Equipment	
		General Instructions for Use: The products registered in this site are for use in milk and dairy processing plants. Included in this section are products used to sanitize blanchers, evaporators, homogenizers, holding tanks, pipelines, valves, utensils, butter starter tanks, cheese processing equipment and utensils, and similar milk contact equipment.
A23	Sanitizer	
	100-101 ppm avail. Cl (4.52%, 6.8%, 6.9%, 16% SC/S)	Sanitization of precleaned equipment.
A22 A24	Disinfectant Deodorizer	
	593 ppm avail. Cl (6.9% SC/S)	Disinfection and deodorization of surfaces. Rinse treated food contact surfaces with potable water before reuse.
/71005JF	Milk Processing Plant Premises	
		General Instructions for Use: The product registered in this site is for use in milk and dairy processing plant premises (i.e., floors, walls, ceilings, and other non-food contact surfaces).
A22 A24	Disinfectant Deodorizer	
FYABQBB	Mold/mildew	
	604-1,200 ppm avail. Cl (16% SC/S)	Disinfection, deodorization, and mold/mildew control for surfaces.

	Site, Efficacy, Dosage and Formulation	Use Directions
71009JE	Poultry Processing Equipment	
		General Instructions for Use: The products registered in this site are for use on food contact surfaces in poultry processing and packing plants (i.e., cutting surfaces, picking machines, utensils, eviscerating lines, shackle lines, chill tanks, packing tables, and other equipment and food contact surfaces).
		Refer to Fish and Seafood Processing Equipment for efficacy, dose, and use directions.
71009JF	Poultry Processing Plant Premises	
		General Instructions for Use: The product registered in this site is for use in poultry processing plants (i.e., floors, walls, ceilings, and other non-food contact surfaces).
22	Disinfectant	
	442 ppm avail. Cl (10% SC/S)	Disinfectant-cleaner for surfaces. Rinse treated food contact surfaces with potable water before reuse.
	1,326 ppm avail. Cl (10% G)	Disinfectant-cleaner for porous surfaces. Rinse treated food contact surfaces with potable water before reuse.

Site, Efficacy, Dosage and Formulation	Use Directions

(Eating Establishments)

72006JE **Eating Establishment Equipment and Utensils**

General Instructions for Use: The products registered in this site are for use on equipment and utensils in eating establishments (i.e., restaurants, taverns, bars, cafeterias, etc.) where food and beverages are served. Utensils include silverware, dishes, glassware, and similar cooking and eating utensils. Equipment includes fixtures, stoves, sinks, and refrigerators.

Sanitizers which are registered for use on food contact surfaces are required to be in compliance with the food additive regulations identified in Title 21 Code of Federal Regulations, Section 178.1010, Sanitizing solutions.

Sanitizer food contact surface treatment instructions:
1) Remove surface soils by scraping or flushing with water.
2) Wash with a suitable detergent or cleaner.
3) Rinse with potable water.
4) Dilute product according to label directions.
5) Apply by immersion, flooding, spraying, mopping, sponging, or wiping making sure to wet all surfaces thoroughly.
6) Allow for the specified contact time (at least 1 minute).
7) Allow the use solution to drain and air dry.
8) Do not rinse the surface with water after sanitizing as this will recontaminate the surface.

Follow label instructions for products registered for use on food contact surfaces which are disinfectants.

23 Sanitizer

95-103 ppm avail. Cl (41% P/T) (4.52%, 6%, 6.8%, 6.9%, 7%, 13.8%, 28% SC/S)	Sanitization of precleaned equipment and utensils.

Site, Efficacy, Dosage and Formulation	Use Directions
Eating Establishment Equipment and Utensils (continued)	
22 Disinfectant 24 Deodorizer	
593-597 ppm avail. Cl (6.9%, 13.8% SC/S)	Disinfection and deodorization of surfaces. Rinse treated food contact surfaces with potable water before reuse.
72000JF 880030A 880040A **Eating Establishment Premises**	
	General Instructions for Use: The products registered in this site are for use in eating establishment premises (i.e., floors, walls, and other non-food contact surfaces). Eating establishment premises include commercial restaurants and cafeterias, institutional and household kitchens and dining areas, etc. Preclean surfaces before treatment with the antimicrobial solution. One-step cleaner-sanitizers and cleaner-disinfectants do not require a precleaning step. Dilute product according to label directions. Apply by mop, spray, cloth, spinkle, scrub, brush, or machine apparatus. Thoroughly wet surfaces to be treated. Avoid contamination of foods or food contact surfaces. Some products require a rinse with potable water following the antimicrobial treatment.
22 Disinfectant	
-- (0.3%, 0.8%, 0.85% WP)	Disinfectant-cleaner for surfaces. Wet the surface. Sprinkle product onto surface generously and scour until clean. Rinse.

	Site, Efficacy, Dosage and Formulation	Use Directions
	(Food Markets)	
73001JE	Food Dispensing Equipment	
		General Instructions for Use: The product registered in this site is for use on food dispensing equipment (e.g., vending machines, beverage dispensers, soft serve ice cream machines, etc.). Refer to (Food and Feed Processing Plants), General Instructions for Equipment and food contact surfaces general instructions for use, for additional general instructions for use.
23	Sanitizer	
	122 ppm avail. Cl (5.5% SC/S)	Sanitization of precleaned equipment.
22	Disinfectant	
	243 ppm avail. Cl (5.5% SC/S)	Disinfection of soiled equipment. Rinse with potable water before reuse.

Site, Efficacy, Dosage and Formulation — Use Directions

(Domestic and Human Uses)

(Bathrooms)

'880030A Bathroom Premises

General Instructions for Use: The products registered in this site are for use in bathroom premises (i.e., floors, walls, sinks, bathtubs, shower stalls, toilet seats, toilet exterior surfaces, and fixtures). Included are products for hospital, institutional, commercial, industrial, and household use.

Preclean surfaces prior to treatment. A precleaning step is not required for one-step disinfectant-cleaners. Dilute product as directed. Apply by mop, sponge, brush, cloth, or spray. Wet surfaces thoroughly. Allow required contact time. Rinse where required.

Porous surfaces such as grout and unfinished or scarred surfaces may require a higher concentration of solution than non-porous surfaces such as porcelain and tile.

Refer to (Commercial and Industrial Uses), Eating Establishment Premises for efficacy, dose, and use directions.

	Site, Efficacy, Dosage and Formulation	Use Directions
880040A	Toilet Bowls and Urinals	General Instructions for Use: The products registered in this site are for use on toilet bowl and urinal surfaces and water. Methods of Application: Surface treatment. Remove or force bowl water over the trap. Dilute product as required. Brush, swab, spray, or scrub surfaces with product and then flush. Alternatively, add undiluted product to the bowl water (97 fluid ounces or 101 ounces (by weight)) to obtain the proper use dilution. Swab surfaces. Allow specified contact time. Rinse by flushing. Water additive treatment. Install product container as directed in bowl or flush tank. Products may use drop feeder system, automatic metering device, or solid block form. Refill as directed. Also refer to (Commercial and Industrial Uses), Eating Establishment Premises for additional efficacy, dose, and use directions.
22	Disinfectant	
	722 ppm avail. Cl (41% P/T)	Disinfectant-cleaner for toilet bowl surfaces.
	-- (0.3%, 0.8%, 0.85% WP)	Disinfectant-cleaner for toilet bowl surfaces. Wet the surface. Sprinkle product onto surface generously and scour until clean. Rinse.

	Site, Efficacy, Dosage and Formulation	Use Directions
	(Laundry)	
87006HD	Laundry (Hospital, Commercial, and Institutional)	
		General Instructions for Use: The products registered in this site are for use in the treatment of laundry (i.e., washable fabrics such as clothing, linens, sheets, towels, blankets, uniforms, and bathing suits) in commercial, institutional, and medical establishments (i.e., schools, restaurants, hotels, motels, athletic facilities, and hospitals). Fabrics are treated in bulk or multifamily laundry loads. Commercial machines typically handle 50 to 100 pounds of fabric per load and have a lower fabric-to-water weight ratio (1:3 to 1:5) than home washing machines (1:10 to 1:15). Do not pour product directly on fabrics. Add to wash wheel after machine has filled with water or dilute product in a gallon of water and add this solution to laundry.
23	Sanitizer	
	96 ppm avail. Cl (41% P/T)	Sanitization of laundry.
87006HE	Laundry (Household)	
		General Instructions for Use: The products registered in this site are for use in the treatment of household laundry (i.e., clothing, linens, sheets, towels, and dish cloths).
23	Sanitizer	
	48 ppm avail. Cl (41% P/T)	Sanitization of laundry.

	Site, Efficacy, Dosage and Formulation	Use Directions
	(Refuse)	
890010A	Garbage Containers	General Instructions for Use: The products registered in this site are for use on garbage container surfaces. Clean and rinse surfaces prior to treatment. One-step disinfectant-cleaners and sanitizer-cleaners do not require a precleaning step. Dilute product as directed on label. Application is by wipe, mop, swab, wash, rinse, or spray. Observe required contact time.
23	Sanitizer	
	192 ppm avail. Cl (41% P/T)	Sanitizer-cleaner for surfaces.

099.0001 99% technical chemical
potassium dichloro-s-triazinetrione (081403) 99%
000524-00105 001258-00851 001258-00891 011551-00007

099.9901 100% technical chemical
potassium dichloro-s-triazinetrione (081403) 100%
000230-00056 000230-00062 000230-00064 006199-00004

040.0002 40% formulation intermediate
potassium dichloro-s-triazinetrione (081403) 40%
000230-00065 000230-00066

010.0004 10% granular
potassium dichloro-s-triazinetrione (081403) 10%
001203-00033

025.3804 25.38% granular
potassium dichloro-s-triazinetrione (081403) 25.38%
trichloro-s-triazinetrione (081405) 49.89%
005185-00096 75.27%

035.2504 35.25% granular
potassium dichloro-s-triazinetrione (081403) 35.25%
005185-00092

050.7604 50.76% granular
potassium dichloro-s-triazinetrione (081403) 50.76%
trichloro-s-triazinetrione (081405) 33.26%
005185-00102 84.02%

076.1404 76.14% granular
potassium dichloro-s-triazinetrione (081403) 76.14%
trichloro-s-triazinetrione (081405) 16.63%
005185-00095 92.77%

097.0004 97% granular
potassium dichloro-s-triazinetrione (081403) 97%
000839-00002* 008896-00001
*jacket currently unavailable for review

097.3004 97.3% granular
potassium dichloro-s-triazinetrione (081403) 97.3%
009011-00001

099.0004 99% granular
potassium dichloro-s-triazinetrione (081403) 99%
001258-00785 001258-00888 014882-00005 031624-00002

099.9904 100% granular
potassium dichloro-s-triazinetrione (081403) 100%
000829-00020 010182-00013

Listing of Registered Pesticide Products by Formulation (continued)

041.0005	41% pelleted/tableted	
	potassium dichloro-s-triazinetrione (081403)	41%
	004206-00003	
060.0005	60% pelleted/tableted	
	potassium dichloro-s-triazinetrione (081403)	60%
	alkyl* dimethyl benzyl ammonium chloride *alkyl (58% C14, 28% C16, 14% C12) (069161)	1%
		61%
	004829-00014 004829-00040	
099.0005	99% pelleted/tableted	
	potassium dichloro-s-triazinetrione (081403)	99%
	004829-00060 004829-00064	
000.3006	0.3% wettable powder	
	potassium dichloro-s-triazinetrione (081403)	0.3%
	001124-00013	
000.8006	0.8% wettable powder	
	potassium dichloro-s-triazinetrione (081403)	0.8%
	001124-00067	
000.8506	0.85% wettable powder	
	potassium dichloro-s-triazinetrione (081403)	0.85%
	003573-00029 003573-00030	
003.0015	3% soluble concentrate/solid	
	potassium dichloro-s-triazinetrione (081403)	3%
	003342-00005	
004.5215	4.52% soluble concentrate/solid	
	potassium dichloro-s-triazinetrione (081403)	4.52%
	003308-00001	
005.0015	5% soluble concentrate/solid	
	potassium dichloro-s-triazinetrione (081403)	5%
	001270-00072 003791-00002 003791-00003	
005.4015	5.4% soluble concentrate/solid	
	potassium dichloro-s-triazinetrione (081403)	5.4%
	005185-00003	
005.5015	5.5% soluble concentrate/solid	
	potassium dichloro-s-triazinetrione (081403)	5.5%
	000180-00031	
006.0015	6% soluble concentrate/solid	
	potassium dichloro-s-triazinetrione (081403)	6%
	000524-00384	
007.5015	7.5% soluble concentrate/solid	
	potassium dichloro-s-triazinetrione (081403)	7.5%
	007116-00005	

Listing of Registered Pesticide Products by Formulation (continued)

006.9015	6.9% soluble concentrate/solid	
	potassium dichloro-s-triazinetrione (081403)	6.9%
	000875-00098	
007.0015	7% soluble concentrate/solid	
	potassium dichloro-s-triazinetrione (081403)	7%
	005991-00008	
010.0015	10% soluble concentrate/solid	
	potassium dichloro-s-triazinetrione (081403)	10%
	001270-00112 005185-00059	
013.8015	13.8% soluble concentrate/solid	
	potassium dichloro-s-triazinetrione (081403)	13.8%
	000875-00094*	
	*jacket currently unavailable for review	
016.0015	16% soluble concentrate/solid	
	potassium dichloro-s-triazinetrione (081403)	16%
	010508-00006	
025.0015	25% soluble concentrate/solid	
	potassium dichloro-s-triazinetrione (081403)	25%
	000524-00359	
028.0015	28% soluble concentrate/solid	
	potassium dichloro-s-triazinetrione (081403)	28%
	004400-00004*	
	*jacket currently unavailable for review	
031.4815	31.48% soluble concentrate/solid	
	potassium dichloro-s-triazinetrione (081403)	31.48%
	potassium iodine (075701)	28.60%
	trichloromelamine (077101)	19.30%
		79.38%
	040510-00004	
033.9015	33.9% soluble concentrate/solid	
	potassium dichloro-s-triazinetrione (081403)	33.9%
	007394-00001	
040.0015	40% soluble concentrate/solid	
	potassium dichloro-s-triazinetrione (081403)	40%
	000524-00349	
060.0015	60% soluble concentrate/solid	
	potassium dichloro-s-triazinetrione (081403)	60%
	alkyl*dimethyl benzyl ammonium chloride *alkyl (58% C14, 28% C16, 14% C12) (069141)	1%
		61%
	004829-00019	

4099.9915 100% soluble concentrate/solid

potassium dichloro-s-triazinetrione (081403) 100%

004206-00008

Appendix A-1

Listing of Active Ingredient(s) Found in Combination with the Report Chemical

Chemical Code	Common Name (source)	EPA Acceptable Common/Chemical Name
069141	alkyl*dimethyl benzyl ammonium chloride *alkyl (58% C14, 28% C16, 14% C12)	--
028501	1,3-dichloro-5,5-dimethylhydantoin	--
075701	potassium iodine	--
081405	trichloro-s-triazinetrione	--
077101	trichloromelamine	--

-- Use Common Name

EPA Compendium of Acceptable Uses

SODIUM DICHLORO-S-TRIAZINETRIONE

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SODIUM DICHLORO-S-TRIAZINETRIONE*

TYPE PESTICIDE: Algaecide, Antimicrobial, Fungicide

FORMULATIONS:
Tech (100%)
FI (93.1%, 96%, 98%, 98.5%, 99%, 99.5%)
G (10%, 20%, 25%, 26.5%, 30%, 34%, 36.7%, 38.3%, 40%, 47.5%, 50%, 51%. 55%, 55.5%, 55.6%, 57%, 60%, 64.6%, 80.7%, 81.6%, 87.7%, 89%, 90.5%, 95%, 96%, 97%, 97.5%, 98%, 98.5%, 99%, 99.3%, 99.5%, 100%)
P/T (15%, 36%, 45%, 86%, 95%)
WP (0.45%, 30%)
SC/S (0.65%, 1%, 2%, 2.5%, 3%, 3.2%, 5%, 6%, 6.9%, 7%, 7.25%, 7.6%, 8%, 10%, 14.5%, 15%, 16.5%, 17%, 17.5%, 18%, 20%, 20.84%, 22%, 22.25%, 22.75%, 25%, 25.5%, 25.8%, 26.5%, 27%, 30%, 30.32%, 36%, 40%, 57%, 65%, 96%, 99%, 99.3%, 100%)

PRESENTATION OF INFORMATION: All final concentrations are expressed in parts per million (ppm) available chlorine. Concentrations are rounded to the nearest whole number when the value is less than 1,000 and to the third significant figure when the value is greater than 1,000. Dilutions are the ratio of the weight of the product to be diluted to the weight of water in which the product is diluted. The dilutions are rounded to the nearest whole number. For the purpose of ppm available chlorine concentration calculations, it is assumed that 63 percent of the total weight of the sodium dichloro-s-triazinetrione product is available chlorine.
Definition of Terms:
ppm avail. Cl - parts per million available chlorine

GENERAL WARNINGS AND LIMITATIONS: Triazinetriones are strong oxidants. Fire may result from contact with heat, acids, organic or combustible matter. Keep cover tightly closed. Store container in an upright position in a cool place. Do not mix with anything but water. Mixing with ammonia, acid detergents, or acid toilet bowl cleaners causes release of hazardous gasses.

Read labels very carefully for specific warnings, human toxicity statements, and environmental cautions.

Follow label directions for the disposal of the product container when empty.

Environmental Hazards: Sodium dichloro-s-triazinetrione is toxic to fish. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans, or public waters unless this product is specifically identified and addressed in an NPDES permit. Do not discharge effluent containing this product to sewer systems without previously notifying the sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA.

*sodium dichloroisocyanurate

Site, Efficacy, Dosage and Formulation	Use Directions

AQUATIC NONFOOD

(Aquatic Sites)

65018MA **Air Washer Water Systems**

General Instructions for Use: The products registered for this site are intended to control the growth of slime-forming bacteria, fungi, and algae.

Badly fouled systems must be cleaned by any suitable means before treatment is begun. Make application at a point in the system where the chemical will be uniformly mixed. When algal or microbial growth is noticed, an initial high concentration dosage is used and repeated until control is achieved. When control is evident, a subsequent dosage of lower concentration is used to maintain control. Should algae or slime become visible again, the initial slug dose should be used, followed by the maintenance procedure.

28 Microbicide/microbistat

BABAAA Slime-forming bacteria

YAFQBB Slime-forming fungi

KAAAAA Algae

3.8-15 ppm avail. Cl (10%, 20%, 40%, 99.3% G) (99.3% SC/S)	Initial slug treatment. When system is noticeably fouled, add product to system. Repeat initial dosage until 1 ppm chlorine residual is established.
0.6-7.6 ppm avail. Cl (10%, 20%, 40%, 99.3% G) (99.3% SC/S)	Subsequent slug treatment. When microbial control is evident, add product to system. Repeat as needed to maintain 1 ppm of chlorine residual in the recirculating water for at least 4 hours.

Site, Efficacy, Dosage and Formulation

Use Directions

'65019MA Commercial and Industrial Water Cooling Towers and Evaporative Condensers

General Instructions for Use: The products registered for this site are intended to control the growth of slime-forming bacteria, fungi, and algae which impair the efficiency of the system. Methods of application may be slug feed treatment, intermittent feed treatment, or continuous feed treatment.

Slug Feed Treatment - Treatment that involves addition of a specified dose to the system at 1 time. Treatment may be repeated at intervals, usually once a day or less frequently.

Intermittent Feed Treatment - Treatment that is on a semi-continuous basis. Provides a continuous dosage over a brief period and is repeated at stated intervals.

Continuous Feed Treatment - Treatment that is on an uninterrupted basis to provide a sustained concentration. Usually an initial slug dose is used to establish control prior to continuous treatment.

When algal or microbial growth is noticed, an initial high concentration dosage is used and repeated until control is achieved. When control is evident, a subsequent dosage of lower concentration is used to maintain control. Should algae or slime become visible again, the initial slug dose should be used, followed by the maintenance procedure.

Badly fouled systems must be cleaned by any suitable means before treatment is begun.

Products may be fed by drip-feed device, measuring container, or suitable chemical pump such as proportioning, variable speed positive displacement, or reciprocating types. Manual additions may also be used. Products should be fed at a location in the system where they will be uniformly mixed and evenly distributed.

Site, Efficacy, Dosage and Formulation	Use Directions
Commercial and Industrial Water Cooling Towers and Evaporative Condensers (continued)	
28 Microbicide/microbistat	
BABAAA Slime-forming bacteria	
YAFQBB Slime-forming fungi	
7.6-20 ppm avail. Cl (10%, 20%, 25%, 26.5%, 40%, 96%, 99%, 99.3% G) (96% SC/S) or 18-35 ppm avail. Cl (30%, 96%, 100% G) or 9-144 ppm avail. Cl (99% G) or 60-600 ppm avail. Cl (99% G)	Initial slug treatment. When system is noticeably fouled, add product to system. Repeat until control is achieved.
2.3-7.6 ppm avail. Cl (10%, 20%, 25%, 40%, 96%, 99.3% G) or 9-18 ppm avail. Cl (30%, 96%, 99% G)	Subsequent slug treatment. When microbial control is evident, add product to system. Repeat as needed to maintain 1 ppm of chlorine residual in the recirculating water for at least 4 hours.

	Site, Efficacy, Dosage and Formulation	Use Directions
65005MA	Food Processing Water Systems (Dairy Sweetwater Systems)	
		General Instructions for Use: The product registered for this site is intended to reduce bacterial counts in dairy sweetwater systems. Testing for chlorine should be conducted. A residual of at least 2 to 5 ppm available chlorine should be maintained in the system.
24	Bacteriostat	
	18 ppm avail. Cl (30% WP)	Initial slug treatment. Repeat initial dosage each time system is drained and refilled with fresh water or if bacterial count should ever rise above safe levels.
	6.8 ppm avail. Cl (30% WP)	Subsequent slug treatment.
65008MA	Pulp and Paper Mill Systems	
		General Instructions for Use: The product registered for this site is intended to control the growth of slime-forming bacteria and fungi. The object of control is to stabilize the population at a level that will not interfere with system efficiency or production. Product is added to the white water system or stock furnish of the pulp and paper mill. Treatment of the white water or stock system may be supplemented by treatment of the fresh water, slush pulp, secondary fiber (recycled waste paper), or broke. Treatment recommendations will vary depending on the type, location, and degree of microbial contamination. The amount of product actually required is best determined by actual test in the system. Method of application may be slug, intermittent, or continuous. Slug Method - Treatment involves addition of a specified dose to the system at 1 time. Treatment may be repeated at intervals, usually once a day or less frequently. Intermittent Method - Treatment is on a semicontinuous basis providing a continuous dosage for a brief period repeated at stated intervals.

Site, Efficacy, Dosage and Formulation	Use Directions

Pulp and Paper Mill Systems (continued)

Continuous Method - Treatment is on an uninterrupted basis to provide a sustained concentration.

Products may be fed by drip-feed device, measuring container, or suitable chemical pump such as proportioning, variable speed positive displacement, or reciprocating types. Manual addition may also be used. Products should be fed at a point in the system where they will be uniformly mixed and evenly distributed. Heavily fouled systems must be cleaned prior to initial treatment.

Products to be used in the manufacture of paper and paperboard intended to contact food must comply with the regulations of the Food and Drug Administration under Title 21, Code of Federal Regulations, Section 176.300.

28 Microbicide/microbistat

BADAAA Slime-forming bacteria

YAFQHB Slime-forming fungi

3.8-19 ppm avail. Cl (50% G)	Water treatment. Add directly to the mill system.

Site, Efficacy,
Dosage and Formulation

Use Directions

Q50110A Swimming Pool Water

General Instructions for Use: The products registered for this site are for use as disinfectants and algaecides in swimming pool water. Treatment procedures for swimming pool water include initial treatment for newly filled pools, maintenance, superchlorination, and winterizing.

Initial treatment. For the initial treatment of newly filled pools or for pool start-up, one or more high doses of product are added until the proper chlorine residual is established. Prior to initial treatment, backwash or properly clean filter system and adjust pH to specified range (usually pH 7.2 to 7.6 for chlorine-bearing products).

The use of a chlorine stabilizing agent such as s-triazinetriol (cyanuric acid) is recommended by some products prior to or following the initial treatment. The stabilizer (or conditioner) is used to slow the dissipation rate of the chlorine residual. Stabilized pools usually require maintenance of a higher concentration of residual chlorine than unstabilized pools.

Maintenance. To maintain the proper residual, daily or less frequent doses of product are added to the pool water. Maintenance of a residual is dependent on ambient temperature, light intensity, bather load, and airborne contaminants. Test pool water with test kits frequently to maintain the proper residual level and the proper pH. Follow label directions for method of application (e.g., broadcast on the surface, predissolve in water, and pour in skimmer, floating dispenser, or automatic feeding device).

Superchlorination. Superchlorination or shock treatment is used to quickly increase the chlorine residual in the pool water. Superchlorination is used periodically to control algae and reduce accumulated organic matter due to high temperatures, rain, and wind. Products usually specify treatment once every 1 or 2 weeks. Add when pool is not in use. Do not allow swimmers to enter pool until chlorine residual falls below 2.0 to 3.0 ppm as indicated by proper testing.

Winterizing. Product is added to pool water to control the growth of algae and odor-causing bacteria during the winter months. Add product prior to covering pool for the winter.

Site, Efficacy, Dosage and Formulation — Use Directions

Swimming Pool Water (continued)

022 Disinfectant

KAAAAA Algae

8.5-20.3 ppm avail. Cl (35%, 38.3%, 40%, 47.5%, 55.6%, 89%, 95%, 98%, 98.5%, 99%, 99.3%, 99.5%, 100% G) — Initial pool water treatment.

or

3.6-5.2 ppm avail. Cl (55%, 57%, 87.7%, 95%, 96%, 99%, 99.5%, 100% G)

or

0.9-2.8 ppm avail. Cl ((60%, 64.6%, 80.7%, 90.5%, 96%, 97%, 99%, 99.3%, 100% G) (57%, 65% SC/S)

0.5-2.3 ppm avail. Cl (51%, 55%, 55.5%, 55.6%, 57%, 60%, 64.6%, 80.7%, 87.7%, 89%, 90.5%, 95%, 96%, 97%, 97.5%, 98%, 99%, 99.3%, 99.5%, 100% G) — Maintenance pool water treatment.

or

0.6-1.4 ppm avail. Cl (57%, 65%, 99% SC/S)

Site, Efficacy, Dosage and Formulation	Use Directions
Swimming Pool Water (continued)	
2.4-15 ppm avail. Cl (55%, 55.5%, 55.6%, 57%, 64.6%, 80.7%, 87.7%, 89%, 90.5%, 96%, 98%, 98.5%, 99%, 99.5%, 100% G)	Superchlorination pool water treatment.
[MAI] 4.2 ppm avail. Cl (36.7%, 81.6% G)	Superchlorination pool water treatment. Formulated with one or a combination of: copper sulfate and sodium bromide.
7.5 ppm avail. Cl (99.5% G)	Winterization pool water treatment.
0.9-4.7 ppm avail. Cl (96%, 99%, 99.3%, 99.5%, 100% G) or 2.3 ppm avail. Cl (95% P/T) or 4.0 ppm avail. Cl (57% SC/S)	Maintenance spa pool water treatment. May be formulated with sodium bromide.
[MAI] 3.3 ppm avail. Cl (81.6% G)	
4.5-9.4 ppm avail. Cl (96%, 99%, 99.3%, 99.5%, 100% G) or 4.5 ppm avail. Cl (95% P/T) or 8.1 ppm avail. Cl (57% SC/S)	Superchlorination spa pool water treatment.

Site, Efficacy, Dosage and Formulation	Use Directions

INDOOR

(Animals and Their Man-Made Premises)

58006GA Hatchery Equipment

General Instructions for Use: The products registered in this site are for use on hatchers, incubators, brooders, setters, trays, buggies, and other hatchery surfaces.

The product is diluted with water. Application is by spray, wash, sponge, mop, brush, cloth, or automated system.

Non-food use limitation: No food tolerance has been established for product. Contamination of food or food animals by product residues is to be strictly avoided. Follow non-food use procedures.

1) Remove all poultry and feeds from premises, trucks, coops, and crates.
2) Remove all litter and droppings from floors, walls, and surfaces of facilities occupied or traversed by poultry.
3) Empty all troughs, racks, and other feeding and watering appliances.
4) Thoroughly clean all surfaces with soap or detergent and rinse with water.
5) Saturate surfaces with the recommended disinfecting solution for a period of 10 minutes.
6) Ventilate buildings, coops, and other closed spaces. Do not house poultry or employ equipment until treatment has been absorbed, set, or dried.
7) Thoroughly scrub treated feed racks, troughs, automatic feeders, fountains, and waterers with soap or detergent, and rinse with potable water before reuse.

23 Sanitizer

95-108 ppm avail. Cl (10%, 22.75% SC/S)	Sanitization of precleaned equipment.

22 Disinfectant
24 Deodorizer

633-1,070 ppm avail. Cl (10%, 22.75% SC/S)	Disinfection of equipment.

Site, Efficacy, Dosage and Formulation — Use Directions

(Agricultural Premises and Equipment)

58005JA Commercial Egg Handling Premises

General Instructions for Use: The products registered in this site are for use on floors, walls, and other non-food contact surfaces of egg handling rooms.

Dilute product and apply as a wash to walls, floors, and ceilings of egg handling rooms.

.23 Sanitizer

95 ppm avail. Cl (10%, 15% SC/S) or 203 ppm avail. Cl (30% SC/S) — Sanitizer-cleaner for surfaces.

.22 Disinfectant
.24 Deodorizer

633 ppm avail. Cl (10% SC/S) — Disinfection of surfaces.

580010A Commercial Egg Treatment

General Instructions for Use: The products registered in this site are for use in cleaning and sanitizing commercial eggs (i.e., eggs intended for human consumption). These products reduce bacteria on egg shell surfaces which cause spoilage of fresh and storage eggs.

Single step method: Product is used for cleaning and sanitizing of eggs in one-step.

Two step method: Procedure requires 2 steps: 1) the initial cleaning of eggs and gross reduction of bacteria, followed by; 2) final sanitization with a sanitizing rinse. Products may be cleaners and sanitizers or sanitizers only. Cleaners and sanitizers are used in the first step or in both steps. Sanitizers are used only in the final sanitizing step.

Eggs are treated by spray, dip, or immersion. Label directions may specify use of product in 1) spray, tank-type, brush, oscillating, propel-

Site, Efficacy, Dosage and Formulation | Use Directions

Commercial Egg Treatment (continued)

ler, air-action, automatic conveyor, or systemized continuous washers; 2) basket or immersion washers; or 3) manual washing operations. Follow manufacturer's instructions for use of products in specific washer units. For immersion washing, a 2 to 5 minute immersion of eggs is specified. For egg plants operating under United States Department of Agriculture supervision, immersion of eggs in water is no longer permitted.

For federally inspected egg plants, operating under the supervision of the United States Department of Agriculture, follow the regulations of the U.S.D.A. Egg Grading Branch for washing egg shells.

U.S.D.A. recommended shell egg washing procedures:
1) Wash eggs promptly after gathering.
2) Do not try to clean excessively dirty eggs.
3) Water with an iron content in excess of 2 ppm should not be used.
4) Do not reuse wash water except when used in a continuous type washer.
5) Wash water temperature to be 90 F (32.2 C) or higher.
6) Maintain wash water at a temperature 20 to 40 F (11.1 to 22.2 C) warmer than the eggs.
7) Spray rinse washed eggs with warm potable water containing an approved sanitizing compound.
8) Eggs should be reasonably dry before casing or breaking.

Observe specific product directions concerning requirements for product dilution, water temperature, contact time, and potable water rinse. A thorough potable water rinse should be specified after final sanitizing treatment of eggs with residual sanitizer compound if eggs are to be immediately broken for use in the manufacture of egg products.

23 Sanitizer

77-157 ppm avail. Cl (10%, 15%, 25%, 28%, 30%, 65% SC/S) or	Sanitization of eggs.

Site, Efficacy, Dosage and Formulation — Use Directions

Commercial Egg Treatment (continued)

47 ppm avail. Cl
(10% SC/S)
or
236 ppm avail. Cl
(25% SC/S)

60005JE-2 Dairy Equipment
(Unspecified)

General Instructions for Use: The products registered in this site are for use on dairy equipment and dairy milk-contact surfaces. Note: Products were placed in this entry when the product label used the term "dairy" without specifying dairy farm (milk production) and/or dairy plant (milk processing).

Clean and rinse all equipment prior to sanitization. Deposits of milk solids will interfere with sanitization, thus all contaminating milk residue must be flushed from equipment and equipment surfaces prior to sanitization. Activity of chemical sanitizers may be adversely affected by ingredients in washing compounds and organic matter carried over from the wash solution. A rinse between the cleaning and the sanitizing treatment is important in maintaining the strength of the sanitizing solution. A one-step cleaner-sanitizer may be used without prior cleaning.

Dilute product as directed to prepare sanitizing solutions. Apply by circulation, immersion, wipe, swab, brush, or spray. Allow the solution to drain and air dry. Do not rinse the surface with water after sanitizing as this will recontaminate the surface.

Observe local regulations regarding contact time of sanitizing solutions. A 2 minute contact time is stipulated by health departments that follow the United States Public Health Service Ordinance and Code.

Sanitizing solutions used on food contact equipment and surfaces are regulated by the Food and Drug Administration and Indirect Food Additives under Title 21, Code of Federal Regulations, Section 178.1010. Solutions specified in this section may be safely used on food contact equipment and surfaces that are adequately drained before

	Site, Efficacy, Dosage and Formulation	Use Directions
	Dairy Equipment (Unspecified) (continued)	
		contact with food. The solutions may not exceed specified concentrations (100 ppm available chlorine). Refer to Appendix F of the Grade 'A' Pasteurized Milk Ordinance - 1965 Recommendations of the United States Public Health Service for existing milk sanitization standards and local milk sanitization regulations.
23	Sanitizer	
	95-134 ppm avail. Cl (2.5%, 6%, 7%, 10%, 17%, 22%, 25%, 26.5%, 40% SC/S)	Sanitization of precleaned equipment and utensils.
	189-275 ppm avail. Cl (3%, 7%, 17.5%, 22%, 26.5% SC/S)	Sanitization of equipment and utensils.
22	Disinfectant	
24	Deodorizer	
	306-607 ppm avail. Cl (14.5% SC/S)	Disinfection of precleaned equipment and utensils.

	Site, Efficacy, Dosage and Formulation	Use Directions
60005JE	Dairy Farm Milking Equipment	General Instructions for Use: The products registered in this site are for use on dairy farm milking equipment and utensils. Products are used to sanitize milking machines, milk cans, tanks, lines, pails, inflations, teat cups, and similar equipment. Refer to Dairy Equipment (Unspecified) for general instructions for use.
23	Sanitizer	
	95-118 ppm avail. Cl (6.9%, 7%, 15%, 20%, 20.84%, 22.25%, 22.75%, 25.8%, 27%, 36% SC/S)	Sanitization of precleaned equipment and utensils.
	150-266 ppm avail. Cl (3.2%, 15%, 18%, 27% SC/S)	Sanitization of equipment and utensils.
610070A	Mushroom House Premises and Equipment	General Instructions for Use: The product registered in this site is for use in mushroom houses, including growing trays, picking baskets, picking utensils, and other tools, utensils, and equipment found on these premises. Dilute product with water. Apply by spray. Before sanitizer or disinfectant treatment, preclean and rinse all surfaces thoroughly.
23	Sanitizer	
	103 ppm avail. Cl (65% SC/S)	Sanitization of precleaned equipment and utensils.

Site, Efficacy, Dosage and Formulation	Use Directions

Mushroom House Premises and Equipment (continued)

22 Disinfectant

205-513 ppm avail. Cl (65% SC/S) — Disinfection of precleaned surfaces.

55000JA
55000GA Poultry House Premises and Equipment

General Instructions for Use: The products registered in this site are for use in poultry houses, including broiler, layer, and brooder houses, cages, coops, crates, feeding and watering equipment and other equipment found on these premises.

Dilute product with water. Apply by cloth, swab, sponge, brush, spray, or immersion. Before sanitizer or disinfectant treatment, preclean and rinse all surfaces thoroughly. Remove gross filth from surfaces prior to treatment with one-step cleaner-disinfectants.

Non-food use limitation: No food tolerance has been established for product. Contamination of food or food animals by product residues is to be strictly avoided. Follow non-food use directions:

1) Remove all poultry and feeds from premises, trucks, coops, and crates.
2) Remove all litter and droppings from floors, walls, and surfaces of facilities occupied or traversed by poultry.
3) Empty all troughs, racks, and other feeding and watering appliances.
4) Thoroughly clean all surfaces with soap or detergent and rinse with water.
5) Saturate surfaces with the recommended disinfecting solution for a period of 10 minutes.
6) Ventilate buildings, coops, and other closed spaces. Do not house poultry or employ equipment until treatment has been absorbed, set, or dried.
7) Thoroughly scrub treated feed racks, troughs, automatic feeders, fountains, and waterers with soap or detergent, and rinse with potable water before reuse.

	Site, Efficacy, Dosage and Formulation	Use Directions
	Poultry House Premises and Equipment (continued)	
23	Sanitizer	
	213 ppm avail. Cl (18% SC/S)	Sanitization of precleaned equipment.
22 24	Disinfectant Deodorizer	
	566-1,056 ppm avail. Cl (18%, 20% SC/S)	Disinfection of precleaned surfaces.
	(Commercial and Industrial Uses)	
770000A	Commercial, Industrial, and Institutional Premises and Equipment (Non-Medical)	General Instructions for Use: The products registered in this site are for use on commercial, industrial, institutional, and public premises and equipment. This site includes the premises and equipment of the following areas: 1) Commercial - hotels, motels, theaters, office buildings, airports, bus stations, and train terminals. 2) Industrial - factories, mills, and industrial plants and areas. 3) Institutional - schools, colleges, camps, corridors, offices, auditoriums, institutions, and asylums. 4) Public areas - public areas, public buildings, or public rooms. "Premises" is defined to include: ceilings, doors, doorknobs, fixtures, floors, light switches, stairs, walls, windows, and woodwork. Remove heavy surface soil or preclean surfaces prior to treatment as indicated by label instructions. One-step cleaner-sanitizers and cleaner-disinfectants may be used without prior cleaning of lightly or moderately soiled surfaces. Dilute product according to label directions. Apply product by mop, scrub, sponge, spray, or automatic machine process. Wet surfaces thoroughly. Allow

	Site, Efficacy, Dosage and Formulation	Use Directions
	Commercial, Industrial, and Institutional Premises and Equipment (Non-Medical) (continued)	
		recommended contact time. Drain surface or rinse with potable water where required.
23	Sanitizer	
	103-108 ppm avail. Cl (22.75%, 65% SC/S)	Sanitization of precleaned equipment and surfaces.
	207-235 ppm avail. Cl (5%, 17.5% SC/S)	Sanitization of equipment and surfaces.
22	Disinfectant	
24	Deodorizer	
YABQBB	Mold/mildew	
	602-1,070 ppm avail. Cl (22.75%, 25.5% SC/S)	Disinfection and mold/mildew control on equipment and surfaces.

Site, Efficacy, Dosage and Formulation — Use Directions

(Food and Feed Processing Plants)

General Information:

Equipment and food contact surfaces general instructions for use: Thoroughly clean and rinse equipment. Sanitize immediately before equipment is to be used, or as specified by local regulations. One-step sanitizer-cleaners and disinfectant-cleaners may be used without prior cleaning. Dilute product as directed. Application may be made by wet wipe, scrub, flood, flush, rinse, circulation, immersion, or spray methods. Allow the solution to drain and air dry. Do not rinse the surface with water after sanitizing as this will recontaminate the surface.

Observe local regulations regarding contact period of the sanitizing solution. A 2 minute contact time is stipulated by health departments that follow the United States Public Health Service Ordinance and Code.

Sanitizing solutions are regulated by the Food and Drug Administration as Indirect Food Additives under Title 21, Code of Federal Regulations, Section 178.1010. Solutions specified in this section may be safely used on food processing equipment within the prescribed conditions. The solutions may not exceed specified concentrations (100 ppm available chlorine).

Follow label instructions for products registered for use on food contact surfaces with are disinfectants.

Premises (i.e., floors, walls, and other non-food contact surfaces) general instructions for use: Product directions may require a precleaning step before treatment. Remove all particulate contamination. Application may be by wipe, scrub, rinse, mop, or spray. Allow recommended contact time. Avoid contamination of food contact surfaces and food when applying pesticide solutions. Drain surfaces thoroughly. Rinse with potable water where required.

For mold/mildew control, preclean hard non-porous surfaces prior to treatment when required. Apply by sponge, cloth, mop, or spray. Allow to dry. Do not rinse. Repeat periodically or when mold/mildew growth appears.

71001JE Bakery Processing
71001JF Equipment

General Instructions for Use: The products registered in this site are for use on bakery equipment.

23 Sanitizer

235-250 ppm avail. Cl (5% SC/S) — Sanitizer-cleaner for equipment and surfaces.

	Site, Efficacy, Dosage and Formulation	Use Directions
71001JF	Bakery Processing Plant Premises	
		General Instructions for Use: The products registered in this site are for use on bakery processing plant premises (i.e., floors, walls and other non-food contact surfaces). Refer to Bakery Processing Equipment for efficacy, dose, and use directions.
71019JE	Beverage Processing Equipment	
		General Instructions for Use: The products registered in this site are for use on beverage processing equipment. Beverage processing equipment includes utensils, tanks, vats, hoses, pipelines, fillers, capping, crowning, and bottling equipment and other beverage contact equipment used in beverage, soft drink, carbonated beverage, and bottling plant processing. Included in this section are products intended for final sanitizing of beverage bottles, cans, and other containers.
23	Sanitizer	
	101-132 ppm avail. Cl (7%, 10%, 15%, 22%, 25.8%, 26.5%, 27%, 30%, 65% SC/S)	Sanitization of precleaned equipment and utensils.
	235-275 ppm avail. Cl (5%, 7%, 15%, 22%, 26.5%, 27% SC/S)	Sanitization of equipment and utensils.
71003JF	Brewery Premises	
		General Instructions for Use: The products registered in this site are for use on brewery premises (i.e., floors, walls, and other non-food contact surfaces).
23	Sanitizer	
	236 ppm avail. Cl (5% SC/S)	Sanitizer-cleaner for surfaces.

	Site, Efficacy, Dosage and Formulation	Use Directions
71003JE	Brewery Processing Equipment	
		General Instructions for Use: The products registered in this site are for use on brewery processing equipment. Brewery processing equipment includes utensils, tanks, vats, hoses, pipelines, fillers, capping and crowning equipment, filters, fermenters, and other food contact equipment used in brewery processing.
23	Sanitizer	
	101-137 ppm avail. Cl (6%, 22%, 25%, 40% SC/S)	Sanitization of precleaned equipment and utensils.
	201-260 ppm avail. Cl (5%, 22% SC/S)	Sanitization of equipment and utensils.
71004JE	Cannery Processing Equipment	
		General Instructions for Use: The product registered in this site is for use on cannery processing equipment including vats, conveyor belts, utensils, tanks, hoses, pipelines, fillers, and other food contact surfaces.
23	Sanitizer	
	95 ppm avail. Cl (25% SC/S)	Sanitization of precleaned equipment and utensils.
71012JE 71012JF	Egg Processing Equipment	
		General Instructions for Use: The products registered in this site are for use on egg processing equipment (i.e., egg breaking equipment, egg washers, and other food contact surfaces).
23	Sanitizer	
	99-108 ppm avail. Cl (22.75%, 25% SC/S)	Sanitization of precleaned equipment and surfaces.

	Site, Efficacy, Dosage and Formulation	Use Directions
	Egg Processing Equipment (continued)	
22 24	Disinfectant Deodorizer	
	1,070 ppm avail. Cl (22.75% SC/S)	Disinfectant-cleaner for equipment and surfaces.
71012JF	Egg Processing Plant Premises	General Instructions for Use: The products registered in this site are for use in egg processing plant premises (i.e., floors, walls, and other non-food contact surfaces). Refer to Egg Processing Equipment for efficacy, dose, and use directions.
71000JE	Food Processing Equipment and Surfaces (Food Contact)	General Instructions for Use: The products registered in this site are for use on food processing equipment (i.e., blanchers, evaporators, fillers, tanks, vats, pipelines, valves, utensils, cutting boards, and other food contact surfaces).
23	Sanitizer	
	99-102 ppm avail. Cl (36%, 45% P/T) or 82-137 ppm avail. Cl (0.65%, 1%, 2.5%, 3%, 5%, 6%, 6.9%, 7%, 7.6%, 8%, 10%, 14.5%, 15%, 16.5%, 20.84%, 22%, 22.25%, 22.75%, 25%, 25.8%, 26.5%, 27%, 30%, 40%, 65% SC/S)	Sanitization of precleaned equipment and utensils.

	Site, Efficacy, Dosage and Formulation	Use Directions
	Food Processing Equipment and Surfaces (Food Contact) (continued)	
	189-309 ppm avail. Cl (26.5% G) (15% P/T) (5%, 7%, 15%, 16.5%, 17.5%, 18%, 20%, 22%, 27%, 30.32% SC/S)	Sanitization of equipment and utensils.
22	Disinfectant	
24	Deodorizer	
	306-1,112 ppm avail. Cl (3%, 5%, 7%, 8%, 14.5%, 16.5%, 22%, 25.8% SC/S)	Disinfectant-cleaner for equipment and utensils.
71000JF	Food Processing Plant Premises	General Instructions for Use: The products registered in this site are for use on food processing plant premises (i.e., floors, walls, and other non-food contact surfaces).
23	Sanitizer	
	93-124 ppm avail. Cl (0.65%, 1%, 5%, 6%, 7%, 22%, 40% SC/S)	Sanitization of precleaned surfaces.
	201-275 ppm avail. Cl (5%, 7%, 7.6%, 22% SC/S)	Sanitization of surfaces.

	Site, Efficacy, Dosage and Formulation	Use Directions
	Food Processing Plant Premises (continued)	
22	Disinfectant	
24	Deodorizer	
YABQBB	Mold/mildew	
	306-920 ppm avail. Cl (5%, 7%, 14.5%, 22%, 25.5%, 25.8% SC/S)	Disinfection of surfaces.
	1,092-4,784 ppm avail. Cl (25% SC/S)	Disinfection and mold/mildew control on surfaces.
71000GA	Food Transportation Vehicles	
		General Instructions for Use: The product registered in this site is for use in food transportation vehicles (i.e., tank trucks, refrigerator cars, etc.). Remove foodstuffs prior to treatment. Preclean surfaces. Dilute product following specific label instructions. Apply diluted product and scrub. Allow recommended contact time. Rinse all surfaces coming in contact with food with potable water prior to reuse.
22	Disinfectant	
24	Deodorizer	
YABQBB	Mold/mildew	
	602 ppm avail. Cl (25.5% SC/S)	Disinfection and mold/mildew control on surfaces.

	Site, Efficacy, Dosage and Formulation	Use Directions
71007JF	Fruit and Vegetable Premises	General Instructions for Use: The product registered in this site is for use in fruit and vegetable storage areas and premises (i.e., floors, walls, ceilings, and other non-food contact surfaces).
23	Sanitizer	
	118 ppm avail. Cl (5% SC/S)	Sanitization of precleaned surfaces.
22 24	Disinfectant Deodorizer	
	467-920 ppm avail. Cl (5% SC/S)	Disinfectant-cleaner for surfaces.
71008JE	Meat Processing Equipment	General Instructions for Use: The products registered in this site are for use on food contact surfaces in meat processing plants (i.e., work tables, cutting block surfaces, saws, grinders, utensils, coolers, cleavers, gambrels, carts, trays, racks, trolleys, and other equipment and food contact surfaces).
23	Sanitizer	
	[MAI] 146-433 ppm avail. Cl (2% SC/S)	Sanitizer-cleaner for equipment and utensils. Formulated with trichloro-s-triazinetrione.
	97-137 ppm avail. Cl (2.5%, 5%, 8%, 25%, 25.5% SC/S)	Sanitization of precleaned equipment and utensils.
22 24	Disinfectant Deodorizer	
	376-1,112 ppm avail. Cl (5%, 8%, 25% SC/S)	Disinfectant-cleaner for equipment and utensils.

	Site, Efficacy, Dosage and Formulation	Use Directions
71008JF	Meat Processing Plant Premises	
		General Instructions for Use: The products registered in this site are for use in meat processing plant premises (i.e., floors, walls, ceilings, and other non-food contact surfaces).
23	Sanitizer	
	[MAI] 146-433 ppm avail. Cl (2% SC/S)	Sanitizer-cleaner for surfaces. Formulated with trichloro-s-triazinetrione.
	118 ppm avail. Cl (5% SC/S)	Sanitization of precleaned surfaces.
22	Disinfectant	
24	Deodorizer	
YABQBB	Mold/mildew	
	467-920 ppm avail. Cl (5% SC/S)	Disinfection of surfaces.
	602 ppm avail. Cl (25.5% SC/S)	Disinfection and mold/mildew control on surfaces.
71005JE	Milk Processing Equipment	
		General Instructions for Use: The products registered in this site are for use in milk and dairy processing plants. Included in this section are products used to sanitize blanchers, evaporators, homogenizers, holding tanks, pipelines, valves, utensils, butter starter tanks, cheese processing equipment and utensils, and similar milk contact equipment.
23	Sanitizer	
	95-137 ppm avail. Cl (20%, 20.84%, 22.25%, 22.75%, 25% SC/S)	Sanitization of precleaned equipment and utensils.

	Site, Efficacy, Dosage and Formulation	Use Directions
	Milk Processing Equipment (continued)	
	212 ppm avail. Cl (18% SC/S)	Sanitization of precleaned equipment and utensils.
71009JE	Poultry Processing Equipment	General Instructions for Use: The products registered in this site are for use on food contact surfaces in poultry processing and packing plants (i.e., cutting surfaces, picking machines, utensils, eviscerating lines, shackle lines, chill tanks, packing tables, and other equipment and food contact surfaces).
23	Sanitizer	
	99-124 ppm avail. Cl (2.5%, 5%, 25% SC/S) or 212 ppm avail. Cl (18% SC/S)	Sanitization of precleaned equipment and utensils.
22	Disinfectant	
24	Deodorizer	
	467-920 ppm avail. Cl (5% SC/S)	Disinfection of equipment and utensils.
71009JF	Poultry Processing Plant Premises	General Instructions for Use: The products registered in this site are for use in poultry processing plants (i.e., floors, walls, ceilings, and other non-food contact surfaces).
23	Sanitizer	
	118 ppm avail. Cl (5% SC/S)	Sanitization of precleaned surfaces.

Site, Efficacy, Dosage and Formulation — Use Directions

Poultry Processing Plant Premises (continued)

.22 Disinfectant
.24 Deodorizer

467-920 ppm avail. Cl (5% SC/S) — Disinfection of surfaces.

(Eating Establishments)

72006JE Eating Establishment Equipment and Utensils

General Instructions for Use: The products registered in this site are for use on equipment and utensils in eating establishments (i.e., restaurants, taverns, bars, cafeterias, etc.) where food and beverages are served. Utensils include silverware, dishes, glassware, and similar cooking and eating utensils. Equipment includes fixtures, stoves, sinks, and refrigerators.

Sanitizers which are registered for use on food contact surfaces are required to be in compliance with the food additive regulations identified in Title 21 Code of Federal Regulations, Section 178.1010, Sanitizing solutions.

Sanitizer food contact surface treatment instructions:
1) Remove surface soils by scraping or flushing with water.
2) Wash with a suitable detergent or cleaner.
3) Rinse with potable water.
4) Dilute product according to label directions.
5) Apply by immersion, flooding, spraying, mopping, sponging, or wiping making sure to wet all surfaces thoroughly.
6) Allow for the specified contact time (at least 1 minute).
7) Allow the use solution to drain and air dry.
8) Do not rinse the surface with water after sanitizing as this will recontaminate the surface.

Follow label instructions for products registered for use on food contact surfaces which are disinfectants.

	Site, Efficacy, Dosage and Formulation	Use Directions
	Eating Establishment Equipment and Utensils (continued)	
23	Sanitizer	
	98-102 ppm avail. Cl (36%, 45%, 86% P/T) or 82-156 ppm avail. Cl (6%, 6.9%, 7%, 7.25%, 7.6%, 14.5%, 22%, 22.5%, 22.75%, 25%, 25.8%, 40%, 65% SC/S)	Sanitization of precleaned equipment and utensils.
	207-309 ppm avail. Cl (15% P/T) (5%, 17.5%, 22%, 30.32% SC/S)	Sanitizer-cleaner for equipment and utensils.
.22	Disinfectant	
.24	Deodorizer	
	-- (0.45% WP)	Disinfectant-cleaner for surfaces.
	(Food Markets)	
73001JF	Food Dispensing Equipment	General Instructions for Use: The products registered in this site are for use on food dispensing equipment (e.g., vending machines, beverage dispensers, soft serve ice cream machines, etc.). Dilute product. Pour solution into hopper of soft serve ice cream machine and circulate for 10 minutes.
.23	Sanitizer	
	118 ppm avail. Cl (5% SC/S)	Sanitization of soft serve ice cream machines.

	Site, Efficacy, Dosage and Formulation	Use Directions
	(Hospital and Related Institutions)	
740120A	Dental Appliances	General Instructions for Use: The product registered in this site is for use on dental evacuator systems. Dilute product with warm water and stir well. Draw 1 quart of the solution through the high volume hose and saliva ejector. Rinse system with water.
23	Sanitizer	
	417 ppm avail. Cl (3% SC/S)	Sanitizer-cleaner for appliances.
	(Domestic and Human Uses)	
	(Bathrooms)	
880030A	Bathroom Premises	General Instructions for Use: The products registered in this site are for use in bathroom premises (i.e., floors, walls, sinks, bathtubs, shower stalls, toilet seats, toilet exterior surfaces, and fixtures). Preclean surfaces prior to treatment. A precleaning step is not required for one-step disinfectant-cleaners. Dilute product as directed. Apply by mop, sponge, brush, cloth, or spray. Wet surfaces thoroughly. Allow required contact time. Rinse where required. Porous surfaces such as grout and unfinished or scarred surfaces may require a higher concentration of antimicrobial than non-porous surfaces such as porcelain and tile.
23 24	Sanitizer Deodorizer	
	236 ppm avail. Cl (5% SC/S)	Deodorization and sanitization of surfaces.
22 24	Disinfectant Deodorizer	
	-- (0.45% WP)	Disinfectant-cleaner for surfaces.

	Site, Efficacy, Dosage and Formulation	Use Directions
'880040A	Toilet Bowls and Urinals	General Instructions for Use: The product registered in this site is for use on toilet bowl and urinal surfaces and water.
.22	Disinfectant	
.24	Deodorizer	
	-- (0.45% WP)	Disinfectant-cleaner for surfaces.
	(Laundry)	
'87007HD	Diapers (Commercial)	General Instructions for Use: The products registered in this site are for use on large loads of diapers in large commercial wash wheels with dosages based on 100 pounds of dry fabric. The products are for use by diaper services and hospital, industrial, and institutional laundries only. The object of control of the residual bacteriostats and self-sanitizers is to inhibit the growth of odor-causing and ammonia-producing bacteria (e.g., Brevibacterium ammoniagenes.) which act on urine in diapers. Residual antimicrobial activity is effective only under conditions of high relative humidity or wet contamination. Wet diapers should be spin dried before product is applied. Add the diluted product in the pre-wash, followed by the regular wash cycle with a good detergent. Use sanitizing solution promptly after mixing.
.23	Sanitizer	
	189 ppm avail. Cl (18% SC/S)	Sanitization of diapers.

87006HD *Laundry* (Hospital, Commercial, and Institutional)

General Instructions for Use: The products registered in this site are for the treatment of laundry (i.e., washable fabrics such as clothing, linens, sheets, towels, blankets, uniforms, bathing suits) in commercial, institutional, and medical establishments (e.g., schools, restaurants, hotels, motels, athletic facilities, hospitals). Commercial machines typically handle 50 to 100 pounds of fabric per load and have a lower fabric-to-water weight ratio (1:3 to 1:5) than home washing machines (1:10 to 1:15).

Add to wash wheel after machine has filled with water or dilute product in a gallon of water and add this dilution to laundry.

Methods of Application:

Presoak. Prepare product dilution. Immerse contaminated fabric in solution. Soak fabric for a minimum of 10 minutes contact time. Launder.

Prerinse additive. Spin fabric dry. Add product to wash wheel during prerinse cycle.

Wash water additive. Add product to wash water with or without detergent as directed. Rinse fabric following treatment.

First rinse additive. Wash fabric. Add product to first rinse water. Rinse fabric following treatment.

Final rinse additive. Wash fabric and rinse free of all detergent. Add product to final rinse water or sour cycle.

23 Sanitizer

189 ppm avail. Cl
(18% SC/S)
or
215 ppm avail. Cl
(25.5% SC/S)

Sanitization of laundry.

	Site, Efficacy, Dosage and Formulation	Use Directions
	Laundry (Hospital, Commercial, and Institutional) (continued)	
.22	Disinfectant	
	430 ppm avail. Cl (25.5% SC/S)	Disinfection of laundry.
	(Refuse)	
890010A	Garbage Containers	General Instructions for Use: The products in this site are for use on garbage container surfaces. Clean and rinse surfaces prior to treatment. One-step disinfectant-cleaners and sanitizer-cleaners do not require a precleaning step. Dilute product as directed on label. Application is by wipe, mop, swab, wash, rinse, or spray. Observe required contact time.
.22 .24	Disinfectant Deodorizer	
	416-1,398 ppm avail. Cl (7%, 7.6%, 22% SC/S)	Disinfectant-cleaner for surfaces.

Listing of Registered Pesticide Products by Formulation

099.9901	100% technical chemical sodium dichloro-s-triazinetrione (081404) 004343-00003	100%
093.1002	93.1% formulation intermediate sodium dichloro-s-triazinetrione (081404) 033906-00001 033906-00004 033906-00005	93.1%
096.0002	96% formulation intermediate sodium dichloro-s-triazinetrione (081404) 000524-00106	96%
098.0002	98% formulation intermediate sodium dichloro-s-triazinetrione (081404) 000230-00050 000230-00057 000230-00060 000230-00063	98%
098.5002	98.5% formulation intermediate sodium dichloro-s-triazinetrione (081404) 011551-00004	98.5%
099.0002	99% formulation intermediate sodium dichloro-s-triazinetrione (081404) 001258-00852	99%
099.5002	99.5% formulation intermediate sodium dichloro-s-triazinetrione (081404) 006199-00002 010182-00031	99.5%
010.0004	10% granular sodium dichloro-s-triazinetrione (081404) 007547-00015	10%
020.0004	20% granular sodium dichloro-s-triazinetrione (081404) 007547-00016	20%
025.0004	25% granular sodium dichloro-s-triazinetrione (081404) 008540-00014	25%
026.5004	26.5% granular sodium dichloro-s-triazinetrione (081404) 004389-00053	26.5%
030.0004	30% granular sodium dichloro-s-triazinetrione (081404) 004643-00024	30%
034.0004	34% granular sodium dichloro-s-triazinetrione (081404) 005185-00146 005185-00160 010305-00010	34%

Listing of Registered Pesticide Products by Formulation (continued)

036.7004 36.7% granular
sodium dichloro-s-triazinetrione (081404) 36.7%
copper sulfate (024401) 8.7%
45.4%

009087-00006

038.3004 38.3% granular
sodium dichloro-s-triazinetrione (081404) 38.3%
005185-00107 005185-00135

040.0004 40% granular
sodium dichloro-s-triazinetrione (081404) 40%
005185-00112 007547-00014

047.5004 47.5% granular
sodium dichloro-s-triazinetrione (081404) 47.5%
007364-00018 008791-00005

050.0004 50% granular
sodium dichloro-s-triazinetrione (081404) 50%
003876-00050

051.0004 51% granular
sodium dichloro-s-triazinetrione (081404) 51%
009237-00007

055.0004 55% granular
sodium dichloro-s-triazinetrione (081404) 55%
003432-00041

055.5004 55.5% granular
sodium dichloro-s-triazinetrione (081404) 55.5%
007368-00036

055.6004 55.6% granular
sodium dichloro-s-triazinetrione (081404) 55.6%
006284-00049

057.0004 57% granular
sodium dichloro-s-triazinetrione (081404) 57%
003525-00053 007124-00060 045309-00021

060.0004 60% granular
sodium dichloro-s-triazinetrione (081404) 60%
009157-00024

064.6004 64.6% granular
sodium dichloro-s-triazinetrione (081404) 64.6%
005185-00310 005185-00311

080.7004 80.7% granular
sodium dichloro-s-triazinetrione (081404) 80.7%
005185-00312

081.6004 81.6% granular
sodium dichloro-s-triazinetrione (081404) 81.6%
sodium bromide (013907) 14.6%
96.2%

005185-00376

087.7004 87.7% granular 87.7%
sodium dichloro-s-triazinetrione (081404)
006284-00048

089.0004 89% granular 89%
sodium dichloro-s-triazinetrione (081404)
008791-00027

090.5004 90.5% granular 90.5%
sodium dichloro-s-triazinetrione (081404)
005185-00309

095.0004 95% granular 95%
sodium dichloro-s-triazinetrione (081404)
001124-00036 001622-00050 001729-00135* 004462-00051
008544-00001 008544-00002 009584-00008 009808-00002
009828-00001 010718-00001 050974-00001* 050974-00005*
*jacket currently unavailable for review

096.0004 96% granular 96%
sodium dichloro-s-triazinetrione (081404)
000524-00325 000524-00335 000524-00338 000524-00381
000524-00383 000524-00389 003432-00050 006284-00042
007368-00037 008959-00038 008959-00040 010598-00008
035909-00010

097.0004 97% granular 97%
sodium dichloro-s-triazinetrione (081404)
007616-00001 011481-00002

097.5004 97.5% granular 97.5%
sodium dichloro-s-triazinetrione (081404)
009611-00003

098.0004 98% granular 98%
sodium dichloro-s-triazinetrione (081404)
000438-00052 006809-00008

098.5004 98.5% granular 98.5%
sodium dichloro-s-triazinetrione (081404)
039841-00003

099.0004 99% granular 99%
sodium dichloro-s-triazinetrione (081404)
000266-00008 001258-00861 001258-00897 001258-00898
001258-00907 001729-00093 005185-00194 005185-00316
005185-00319 006284-00003 006284-00020 007296-00004
007616-00002 007616-00047 008544-00020 009087-00005

99% granular (continued)

009087-00034 009359-00020 009411-00009 010336-00003
010897-00001 010897-00031 011005-00001 012465-00050
012465-00051 015127-00009 015127-00010 015127-00011
012200-00006 033355-00007 033576-00006 037982-00019
039743-00010 039841-00007 042177-00016 045309-00012
045309-00014 045387-00015 048242-00001 054998-00002

099.3004 99.3% granular
sodium dichloro-s-triazinetrione (081404) 99.3%
008405-00014

099.5004 99.5% granular
sodium dichloro-s-triazinetrione (081404) 99.5%
005185-00315 007531-00009 009087-00022 010182-00010
010182-00050 011411-00001 037265-00055 037982-00023
041760-00005 045898-00005 053346-00004

099.9904 100% granular
sodium dichloro-s-triazinetrione (081404) 100%
000550-00048 003432-00012 003432-00037 003525-00056
004206-00024 004524-00025 005185-00054 005185-00133
005736-00038 007124-00020 007124-00041 007364-00012
007368-00059 008454-00002 008544-00010 008791-00004
008859-00005 008866-00002 008866-00019 009147-00004
009157-00005 009157-00018 009215-00008 009610-10189
009639-00003 010133-00001 010183-00016 010336-00004
010897-00009 011611-00005 018031-00001 021144-00004
021144-00006 027570-00003 030321-00001 032456-00002
033458-00017 035572-00004 036284-00003 050974-00006*
*jacket currently unavailable for review

015.0005 15% pelleted/tableted
sodium dichloro-s-triazinetrione (081404) 15%
005473-00004

036.0005 36% pelleted/tableted
sodium dichloro-s-triazinetrione (081404) 36%
035572-00001

045.0005 45% pelleted/tableted
sodium dichloro-s-triazinetrione (081404) 45%
046951-00001

086.0005 86% pelleted/tableted
sodium dichloro-s-triazinetrione (081404) 86%
003522-00018

095.0005 95% pelleted/tableted
sodium dichloro-s-triazinetrione (081404) 95%
009087-00021 009087-00023

000.4506 0.45% wettable powder
sodium dichloro-s-triazinetrione (081404) 0.45%
008123-00015

030.0006 30% wettable powder
sodium dichloro-s-triazinetrione (081404) 30%
033576-00020

000.6515 0.65% soluble concentrate/solid
sodium dichloro-s-triazinetrione (081404) 0.65%
004389-00046

001.0015 1% soluble concentrate/solid
sodium dichloro-s-triazinetrione (081404) 1%
004389-00070

002.0015 2% soluble concentrate/solid
sodium dichloro-s-triazinetrione (081404) 2%
trichloro-s-triazinetrione (081405) 2%
4%

010147-00019 010147-00021

002.5015 2.5% soluble concentrate/solid
sodium dichloro-s-triazinetrione (081404) 2.5%
003635-00044

003.0015 3% soluble concentrate/solid
sodium dichloro-s-triazinetrione (081404) 3%
010190-00002

003.2015 3.2% soluble concentrate/solid
sodium dichloro-s-triazinetrione (081404) 3.2%
003640-00061

005.0015 5% soluble concentrate/solid
sodium dichloro-s-triazinetrione (081404) 5%
000178-00012 004297-00013 004297-00014 010183-00002

006.0015 6% soluble concentrate/solid
sodium dichloro-s-triazinetrione (081404) 6%
000524-00365

006.9015 6.9% soluble concentrate/solid
sodium dichloro-s-triazinetrione (081404) 6.9%
005576-00012

007.0015 7% soluble concentrate/solid
sodium dichloro-s-triazinetrione (081404) 7%
001214-00035 002344-00002* 005185-00186 006550-00004
*jacket currently unavailable for review

007.2515 7.25% soluble concentrate/solid
sodium dichloro-s-triazinetrione (081404) 7.25%
010852-00003

007.6015 7.6% soluble concentrate/solid
sodium dichloro-s-triazinetrione (081404) 7.6%
003640-00028 003640-00036

008.0015 8% soluble concentrate/solid
sodium dichloro-s-triazinetrione (081404) 8%
003640-00068

010.0015 10% soluble concentrate/solid
sodium dichloro-s-triazinetrione (081404) 10%
004828-00060 009584-00016

014.5015 14.5% soluble concentrate/solid
sodium dichloro-s-triazinetrione (081404) 14.5%
004524-00008

015.0015 15% soluble concentrate/solid
sodium dichloro-s-triazinetrione (081404) 15%
003635-00101 005991-00022

016.5015 16.5% soluble concentrate/solid
sodium dichloro-s-triazinetrione (081404) 16.5%
009152-00014

017.0015 17% soluble concentrate/solid
sodium dichloro-s-triazinetrione (081404) 17%
001072-00013

017.5015 17.5% soluble concentrate/solid
sodium dichloro-s-triazinetrione (081404) 17.5%
000602-00185

018.0015 18% soluble concentrate/solid
sodium dichloro-s-triazinetrione (081404) 18%
000524-00368 000524-00369 007350-00014

020.0015 20% soluble concentrate/solid
sodium dichloro-s-triazinetrione (081404) 20%
004462-00039

020.8415 20.84% soluble concentrate/solid
sodium dichloro-s-triazinetrione (081404) 20.84%
005185-00206

022.0015 22% soluble concentrate/solid
sodium dichloro-s-triazinetrione (081404) 22%
001214-00034

022.2515 22.25% soluble concentrate/solid
sodium dichloro-s-triazinetrione (081404) 22.25%
053263-00005

022.7515 22.75% soluble concentrate/solid
sodium dichloro-s-triazinetrione (081404) 22.75%
004524-00040

025.0015 25% soluble concentrate/solid
sodium dichloro-s-triazinetrione (081404) 25%
000524-00360 010321-00001

025.5015 25.5% soluble concentrate/solid
sodium dichloro-s-triazinetrione (081404) 25.5%
010147-00018

025.8015 25.8% soluble concentrate/solid
sodium dichloro-s-triazinetrione (081404) 25.8%
000875-00089

026.5015 26.5% soluble concentrate/solid
sodium dichloro-s-triazinetrione (081404) 26.5%
010634-00003

027.0015 27% soluble concentrate/solid
sodium dichloro-s-triazinetrione (081404) 27%
002136-00006 005991-00021

028.0015 28% soluble concentrate/solid
sodium dichloro-s-triazinetrione (081404) 28%
053263-00019

030.0015 30% soluble concentrate/solid
sodium dichloro-s-triazinetrione (081404) 30%
005185-00116

030.3215 30.32% soluble concentrate/solid
sodium dichloro-s-triazinetrione (081404) 30.32%
042263-00002

036.0015 36% soluble concentrate/solid
sodium dichloro-s-triazinetrione (081404) 36%
003276-00009

040.0015 40% soluble concentrate/solid
sodium dichloro-s-triazinetrione (081404) 40%
000524-00357

057.0015 57% soluble concentrate/solid
sodium dichloro-s-triazinetrione (081404) 57%
003525-00040 003525-00084

065.0015 65% soluble concentrate/solid
sodium dichloro-s-triazinetrione (081404) 65%
000602-00141 000602-00182 000602-00293

Listing of Registered Pesticide Products by Formulation (continued)

096.0015 96% soluble concentrate/solid
sodium dichloro-s-triazinetrione (081404) 96%
040290-00010

099.0015 99% soluble concentrate/solid
sodium dichloro-s-triazinetrione (081404) 99%
003525-00041 039743-00010

099.3015 99.3% soluble concentrate/solid
sodium dichloro-s-triazinetrione (081404) 99.3%
039118-00004

099.9915 100% soluble concentrate/solid
sodium dichloro-s-triazinetrione (081404) 100%
007151-00001*
*jacket currently unavailable for review

999999 State Label Registrations

AZ Reg. No.
036839-03947 037918-09427

CA Reg. No.
006809-04904 011189-06927 011210-05984 011211-05430
011411-06978

FL Reg. No.
012711-03194 012713-05488 020809-04523 035300-10074
037667-03384 037815-08416 038221-10470

HI Reg. No.
036025-06710 036305-03066

NV Reg. No.
011235-10579

Appendix A-1

Listing of Active Ingredient(s) Found in Combination with the Report Chemical

Chemical Code	Common Name (source)	EPA Acceptable Common/Chemical Name
024401	copper sulfate	--
013907	sodium bromide	--
081405	trichloro-s-triazinetrione	--

-- Use Common Name

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TRICHLORO-S-TRIAZINETRIONE

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081405

TRICHLORO-S-TRIAZINETRIONE

TYPE PESTICIDE: Algaecide, Antimicrobial, Fungicide

FORMULATIONS:
Tech (100%)
FI (96%, 96.2%, 98%, 99%, 99.4%, 99.5%, 99.7%)
G (0.6%, 16.63%, 20%, 25%, 26%, 33.26%, 49.89%, 50%, 55.6%, 61%, 62.3%, 66%, 66.52%, 68%, 70%, 72.1%, 77.6%, 79%, 81%, 96.2%, 97%, 98%, 99%, 99.1%, 99.4%, 99.5%, 99.9%, 100%)
P/T (30%, 30.3%, 38.8%, 38.9%, 56%, 60%, 63%, 65%, 66%, 67%, 68%, 70%, 78%, 80%, 81%, 82%, 89%, 90%, 93%, 94%, 95%, 95.4%, 96%, 97%, 98.6%, 98.8%, 99%, 99.3%, 99.4%, 99.5%, 99.7%, 100%)
WP (0.35%, 0.45%, 0.5%)
Impr (99.5%)
SC/S (2%, 3.5%, 5%, 6%, 10%, 15%, 15.9%, 18%, 20%)

PRESENTATION OF INFORMATION: All final concentrations are expressed in parts per million (ppm) available chlorine. Concentrations are rounded to the nearest whole number when the value is less than 1,000 and to the third significant figure when the value is greater than 1,000. Dilutions are the ratio of the weight of the product to be diluted to the weight of water in which the product is diluted. The dilutions are rounded to the nearest whole number. For the purpose of ppm available chlorine concentration calculations, it is assumed that 89 to 90 percent of the total weight of the trichloro-s-triazinetrione product is available chlorine.
Definition of Terms:
ppm - parts per million
ppm avail. Cl - parts per million available chlorine

GENERAL WARNINGS AND LIMITATIONS: Triazinetriones are strong oxidants. Fire may result from contact with heat, acids, organic or combustible matter. Keep cover tightly closed. Store container in an upright position in a cool place. Do not mix with anything but water. Mixing with ammonia, acid detergents, or acid toilet bowl cleaners causes release of hazardous gasses.

Read labels very carefully for specific warnings, human toxicity statements, and environmental cautions.

Follow label directions for the disposal of the product container when empty.

Environmental Hazards: Trichloro-s-triazinetrione is toxic to fish. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans, or public waters unless this product is specifically identified and addressed in an NPDES permit. Do not discharge effluent containing this product to sewer systems without previously notifying the sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA.

Site, Efficacy, Dosage and Formulation	Use Directions

AQUATIC NONFOOD

(Aquatic Sites)

65018MA Air Washer Water Systems

General Instructions for Use: The products registered for this site are intended to control the growth of slime-forming bacteria, fungi, and algae.

Badly fouled systems must be cleaned by any suitable means before treatment is begun. Make application at a point in the system where the chemical will be uniformly mixed. When algal or microbial growth is noticed, an initial high concentration dosage should be used and repeated until control is achieved. When control is evident, a subsequent dosage of lower concentration should be used to maintain control. Should algae or slime become visible again, the initial slug dose should be used, followed by the maintenance procedure.

28 Microbicide/microbistat

BABAAA Slime-forming bacteria

YAFQBB Slime-forming fungi

KAAAAA Algae

2.7-5.3 ppm avail. Cl (20%, 99%, 99.4% G) (98.8%, 99% P/T) (20% SC/S) or 6.7-18 ppm avail. Cl (99.4% G) (99%, 99.4% P/T) or 11-120 ppm avail. Cl (99.5% P/T)	Initial treatment. When system is noticeably fouled, add product to system. Repeat until control is achieved.

	Site, Efficacy, Dosage and Formulation	Use Directions
	Air Washer Water Systems (continued)	
	0.5-1.1 ppm avail. Cl (20%, 99%, 99.4% G) (98.8%, 99% P/T) (20% SC/S) or 1.8-5 ppm avail. Cl (99%, 99.4% G) or 11-60 ppm avail. Cl (99.5% P/T)	Subsequent treatment. When microbial control is evident, add product to system. Repeat as needed to maintain 1 ppm of chlorine residual in the recirculating water for at least 4 hours.
65005JE	Brewery Pasteurizer Water	
		General Instructions for Use: The products registered for this site are intended to control slime-forming bacteria in tunnel pasteurizers and container warmers. Drain, clean, and refill pasteurizer prior to initial treatment. Add product to the water system by manual or automatic proportioner methods. Add product to each compartment or tank and allow for equal distribution throughout the pasteurizer system. Maintain concentration of product in the system by daily monitoring and addition of product. Periodically drain and clean the system.
28	Microbicide/microbistat	
BABAAA	Slime-forming bacteria	
YAFQBB	Slime-forming fungi	
	4-5.3 ppm avail. Cl (99% G) (98.8%, 99% P/T) or 5-120 ppm avail. Cl (99%, 99.4% G) (99.5% P/T)	Initial treatment. When system is noticeably fouled, add product to system. Repeat until control is achieved.

Site, Efficacy, Dosage and Formulation	Use Directions
Brewery Pasteurizer Water (continued)	
0.5-1.1 ppm avail. Cl (99% G) (98.8%, 99% P/T) or 5-60 ppm avail. Cl (99%, 99.4% G) (99.5% P/T)	Subsequent treatment. When microbial control is evident, add product to the system. Repeat daily or as needed.

'65019MA Commercial and Industrial Water Cooling Towers and Evaporative Condensers

General Instructions for Use: The products registered for this site are intended to control the growth of slime-forming bacteria, fungi, and algae which impair the efficiency of the system. Methods of application may be slug feed treatment, intermittent feed treatment, or continuous feed treatment.

When algal or microbial growth is noticed, an initial high concentration dosage is used and repeated until control is achieved. When control is evident, a subsequent dosage of lower concentration is used to maintain control. Should algae or slime become visible again, the initial slug dose should be used, followed by the maintenance procedure.

Badly fouled systems must be cleaned by any suitable means before treatment is begun.

Products may be fed by drip-feed device, measuring container, or suitable chemical pump such as proportioning, variable speed positive displacement, or reciprocating types. Manual additions may also be used. Products should be fed at a location in the system where they will be uniformly mixed and evenly distributed.

	Site, Efficacy, Dosage and Formulation	Use Directions
	Commercial and Industrial Water Cooling Towers and Evaporative Condensers (continued)	
28	Microbicide/microbistat	
BABAAA	Slime-forming bacteria	
YAFQBB	Slime-forming fungi	
KAAAAA	Algae	
	2.6-160 ppm avail. Cl (20%, 25%, 99%, 99.4%, 99.5%, 99.9% G) (98.8%, 99%, 99.4%, 99.5% P/T) (20% SC/S)	Initial treatment. When system is noticeably fouled, add product to system. Repeat until control is achieved.
	0.5-120 ppm avail. Cl (20%, 25%, 99%, 99.4%, 99.5%, 99.9% G) (95%, 98.8%, 99%, 97.4%, 99.5% P/T) (20% SC/S)	Subsequent treatment. When microbial control is evident, add product to system. Repeat as needed.

Site, Efficacy, Dosage and Formulation — Use Directions

65028MA **Heat Exchanger Water**

General Instructions for Use: The product registered in this site is a microbistat used to control the growth of slime-forming bacteria, slime-forming fungi, and algae in industrial recirculating heat exchanger water. The object of control is to stabilize the microbial population at a level at which slimes will not interfere with the operating efficiency of the system. This product is intended for industrial and commercial use only.

Systems should be drained and thoroughly cleaned to remove algae, microbiological slime and other deposits prior to treatment. Treatment involves an initial dose which is repeated until microbial control is obtained, followed by subsequent doses added periodically to maintain control. Add product at a point in the system where it will be uniformly mixed and evenly distributed. Application is by slug, intermittent, or continuous feed methods. In systems which are not recirculating, product should be added at various locations in the system to facilitate distribution of treatment. Feed product into system by chemical metering pump or disperse in measuring container. The frequency of addition of maintenance doses depends upon the amount of blowdown and the severity of the microbiological problem.

28 Microbicide/microbistat

BABAAA Slime-forming bacteria

YAFQBB Slime-forming fungi

KAAAAA Algae

Dosage and Formulation	Use Directions
9.3-120 ppm avail. Cl (99%, 99.5% P/T)	Initial treatment. When system is noticeably fouled, add product to the system. Repeat until control is achieved.
5-60 ppm avail. Cl (99%, 99.5% P/T)	Subsequent treatment. When microbial control is evident, add product to system. Repeat as needed.

Site, Efficacy, Dosage and Formulation — Use Directions

65025MA **Secondary Oil Recovery Systems**

General Instructions for Use: The product registered for this site is intended for use in secondary oil recovery water systems such as oil field water flood or salt water disposal systems for the control of sulfate-reducing bacteria (*Desulfovibrio desulfuricans*), and aerobic slime-forming bacteria (*Pseudomonas* sp. and *Bacillus* sp.) which impair the efficiency of the system. Method of application may be slug, intermittent, or continuous.

Slug Feed Treatment. Treatment that involves addition of a specified dose to the system at 1 time. Treatment may be repeated at intervals, usually once a day or less frequently.

Intermittent Feed Treatment. Treatment that is on a semi-continuous basis. Provides a continuous dosage over a brief period and is repeated at stated intervals.

Continous Feed Treatment. Treatment that is on an uninterrupted basis to provide a sustained concentration. Usually an initial slug dose is used to establish control prior to continuous treatment.

When algal or microbial growth is noticed, an initial high concentration dosage is used and repeated to obtain control. When control is evident, a subsequent dosage of lower concentration is used to maintain control.

Badly fouled systems must be cleaned by any suitable means before treatment is begun.

Product may be fed by drip-feed device, measuring container, or suitable chemical pump such as proportioning, variable speed positive displacement, or reciprocating types. Manual additions may also be used. Products should be fed at a location in the system where they will be uniformly mixed and evenly distributed.

	Site, Efficacy, Dosage and Formulation	Use Directions
	Secondary Oil Recovery Systems (continued)	
28	Microbicide/microbistat	
BABAAA	Slime-forming bacteria	
BAEAAA	Sulfate-reducing bacteria	
YAFQBB	Slime-forming fungi	
KAAAAA	Algae	
	25-254 ppm avail. Cl (99.5% P/T)	Initial slug, intermittent, or continuous feed treatment. When system is noticeably fouled, add product to the system. Repeat until control is achieved.
	25-127 ppm avail. Cl (99.5% P/T)	Subsequent slug, intermittent, or continuous feed treatment. When microbial control is evident, add product to the system. Repeat as needed.
65026MA	Sewage Systems	General Instructions for Use: The products registered for this site are used to control pathogenic and odor-causing microorganisms in sewage systems. Sewage systems include sewers, sewage effluent water, cesspools, septic tanks, sewage settling ponds, sludge beds, storm drains, and street culverts. Add product as directed by the label.
22	Disinfectant	
	0.2 ppm residual Cl (99% G) (99% P/T) or 0.5-1.5 ppm avail. Cl (99% P/T)	Disinfection of sewage.

Site, Efficacy, Dosage and Formulation — Use Directions

65011MA Swimming Pool Water

General Instructions for Use: The products registered for this site are for use as disinfectants and algaecides in swimming pool water. Treatment procedures for swimming pool water include initial treatment for newly filled pools, maintenance, superchlorination, and winterizing.

Initial treatment. For the initial treatment of newly filled pools or for pool start-up, one or more high doses of product are added until the proper residual chlorine is established. Prior to initial treatment, backwash or properly clean filter system and adjust pH to specified range (usually pH 7.2 to 7.6 for chlorine-bearing products).

The use of a chlorine stabilizing agent such as s-triazinetriol (cyanuric acid) is recommended by some products prior to or following the initial treatment. The stabilizer (or conditioner) is used to slow the dissipation rate of the residual chlorine. Stabilized pools usually require maintenance of a higher concentration of residual chlorine than unstabilized pools.

Maintenance. To maintain the proper residual chlorine, daily or less frequent doses of product are added to the pool water. Maintenance of a residual chlorine is dependent on ambient temperature, light intensity, bather load, and airborne contaminants. Test pool water with test kits frequently to maintain the proper residual chlorine level and the proper pH. Follow label directions for method of application (e.g., broadcast on the surface, predissolve in water, and pour in skimmer, floating dispenser, or automatic feeding device).

Superchlorination. Superchlorination or shock treatment is used to quickly increase the residual chlorine in the pool water. Superchlorination is used periodically to control algae and reduce accumulated organic matter due to high temperatures, rain, and wind. Products usually specify treatment once every 7 or 14 days. Add when pool is not in use. Do not allow swimmers to enter pool until residual chlorine falls below 2.0 to 3.0 ppm as indicated by proper testing.

Winterizing. Product is added to pool water to control the growth of algae and odor-causing bacteria during the winter months. Add product prior to covering pool for the winter.

Swimming Pool Water (continued)

22 Disinfectant

KAAAAA Algae (including black algae)

Site, Efficacy, Dosage and Formulation	Use Directions
0.9-21.3 ppm avail. Cl (26%, 55.6%, 61%, 62.3%, 66%, 66.52%, 68%, 70%, 72.1%, 97%, 98%, 99%, 99.5%, 100% G) (38.9%, 56%, 60%, 63%, 65%, 66%, 67%, 68%, 70%, 78%, 82%, 90%, 99%, 99.3%, 99.5%, 100% P/T)	Initial pool water treatment. May be formulated with potassium dichloro-s-triazinetrione.
[MAI] 0.9-1.8 ppm avail. Cl (16.63%, 33.26%, 49.89% G)	
0.2-5 ppm residual Cl (55.6%, 62.3%, 66%, 66.52%, 70%, 72.1%, 77.6%, 79%, 97%, 98%, 99%, 99.1%, 99.5%, 100% G) (38.8%, 56%, 60%, 63%, 65%, 66%, 67%, 70%, 78%, 80%, 81%, 82%, 89%, 90%, 93%, 94%, 95%, 95.4%, 96%, 98.6%, 98.8%, 99%, 99.3% 99.4%, 99.5%, 99.7%, 100% P/T) or	Maintenance pool water treatment. May be formulated with one or a combination of: sodium bromide and potassium dichloro-s-triazinetrione.

Site, Efficacy, Dosage and Formulation	Use Directions
Swimming Pool Water (continued)	
[MAI] 0.7-3 ppm residual Cl (33.26%, 49.89% G) (96% P/T)	
0.7-21.4 ppm avail. Cl (61%, 66%, 66.52%, 68%, 70%, 81%, 97%, 99%, 99.5%, 100% G) (38.9%, 56%, 60%, 63%, 66%, 67%, 80%, 82%, 99%, 99.5%, 99.7%, 100% P/T)	Superchlorination pool water treatment. May be formulated with potassium dichloro-s-triazinetrione.
[MAI] 5.9 ppm avail. Cl (49.89% G)	
5.4-26.8 ppm avail. Cl (96.2%, 98%, 99%, 100% G) or 106 ppm avail. Cl (99% G)	Superchlorination pool water treatment for black algae control.
1.3-11.9 ppm avail. Cl (50%, 99% G) (63%, 95%, 99%, 99.5%, 100% P/T)	Winterizing pool water treatment. May be formulated with alkyl*dimethyl 1-naphthylmethyl ammonium chloride *alkyl (98% C12, 2% C14).
[MAI] -- (97% P/T)	

Site, Efficacy, Dosage and Formulation	Use Directions
Swimming Pool Water (continued)	
6.7 ppm avail. Cl (99.5% G) or 5 ppm avail. Cl (30.3%, 99% P/T)	Initial spa pool water treatment.
1-3.5 ppm residual Cl (99.5% G) (30.3%, 95%, 99%, 99.3%, 99.5% P/T)	Maintenance spa pool water treatment.
8.7-9.3 ppm avail. Cl (99.5% G) or 5-6 ppm avail. Cl (30.3%, 99% P/T)	Superchlorination spa pool water treatment.

Site, Efficacy, Dosage and Formulation	Use Directions
INDOOR	
(Animals and their Man-Made Premises)	
38006JB Hatchery Equipment	General Instructions for Use: The products registered in this site are for use on hatchers, incubators, brooders, setters, trays, buggies, and other hatchery surfaces. Products are diluted with water. Application is by spray, wash, sponge, mop, brush, cloth, or automated systems. Non-food use limitation: No food tolerance has been established for product. Contamination of food or food animals by product residues is to be strictly avoided. Follow non-food use procedures. 1) Remove all poultry from premises, trucks, coops, and crates. 2) Remove all litter and droppings from floors, walls, and surfaces of facilities occupied or traversed by poultry. 3) Empty all troughs, racks, and other feeding and watering appliances. 4) Thoroughly clean all surfaces with soap or detergent and rinse with water. 5) Saturate surfaces with the recommended disinfecting solution for a period of ten minutes. 6) Ventilate buildings, coops, and other closed spaces. Do not house poultry or employ equipment until treatment has been absorbed, set, or dried. 7) Thoroughly scrub treated feed racks, troughs, automatic feeders, fountains, and waterers with soap or detergent, and rinse with potable water before reuse.
[illegible] Sanitizer	
[illegible]	Sanitization of equipment.

Site, Efficacy, Dosage and Formulation	Use Directions

/66020DA **Egg Premises and Equipment**

General Instructions for Use: The products registered for this site are for use on egg premises and equipment.

422 Disinfectant
424 Deodorizer

973 ppm avail. Cl (99% P/T) — Disinfection of precleaned surfaces.

(Agricultural Premises and Equipment)

/58001OA **Commercial Egg Treatment**

General Instructions for Use: The products registered in this site are for use in cleaning and sanitizing commercial eggs (i.e., eggs intended for human consumption). These products reduce bacteria on egg shell surfaces which cause spoilage of fresh and storage eggs.

Single step method: Product is used for cleaning and sanitizing of eggs in one step.
Two step method: Procedure requires 2 steps: 1) the initial cleaning of eggs and gross reduction of bacteria, followed by; 2) final sanitization with a sanitizing rinse. Products may be cleaners and sanitizers or sanitizers only. Cleaners and sanitizers are used in the first step or in both steps. Sanitizers are used only in the final sanitizing step.

Eggs are treated by spray, dip, or immersion. Label directions may specify use of product in: 1) spray, tank type, brush, oscillating, propeller, air-action, automatic conveyor, or automated continuous washers; 2) basket or immersion washers; or 3) manual washing operations. Follow manufacturer's instructions for use of products in specific washer units. For immersion washing, a 2 to 3 minute immersion of eggs is specified. For egg plants operating under United States Department of Agriculture supervision, immersion of eggs in water is no longer permitted.

For federally inspected egg plants, operating under the supervision of the United States Department of Agriculture, follow the regulations of the U.S.D.A. Egg Grading Branch for washing egg shells.

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Site, Efficacy, Dosage and Formulation	Use Directions

Commercial Egg Treatment (continued)

U.S.D.A. recommended shell egg washing procedures:
1) Wash eggs promptly after gathering.
2) Do not try to clean excessively dirty eggs.
3) Water with an iron content in excess of 2 ppm should not be used.
4) Do not reuse wash water except when used in a continuous type washer.
5) Wash water temperature to be 90 F (32.2 C) or higher.
6) Maintain wash water at a temperature 20 to 40 F (11.1 to 22.2 C) warmer than the eggs.
7) Spray rinse washed eggs with warm potable water containing an approved sanitizing compound.
8) Eggs should be reasonably dry before casing or breaking.

Observe specific product directions concerning requirements for product dilution, water temperature, contact time, and potable water rinse. A thorough potable water rinse should be specified after final sanitizing treatment of eggs with residual sanitizer compound if eggs are to be immediately broken for use in the manufacture of egg products.

[illegible] Sanitizer

[illegible] ppm avail. [illegible] Sanitization of eggs.
[illegible]
[illegible]
[illegible] ppm avail.
[illegible]

Site, Efficacy, Dosage and Formulation | Use Directions

60005JE-2 Dairy Equipment
(Unspecified)

General Instructions for Use: The products registered in this site are for use on dairy equipment and dairy milk-contact surfaces. Note: Products were placed in this entry when the product label used the term "dairy" without specifying dairy farm (milk production) and/or dairy plant (milk processing).

Clean and rinse all equipment prior to sanitization. Deposits of milk solids will interfere with sanitization, thus all contaminating milk residue must be flushed from equipment and equipment surfaces prior to sanitization. Activity of chemical sanitizers may be adversely affected by ingredients in washing compounds and organic matter carried over from the wash solution. A rinse between the cleaning and the sanitizing treatment is important in maintaining the strength of the sanitizing solution. A one-step cleanersanitizer may be used without prior cleaning.

Dilute product as directed to prepare sanitizing solutions. Apply by circulation, immersion, wipe, swab, brush, or spray. Allow the solution to drain and air dry. Do not rinse the surface with water after sanitizing as this will recontaminate the surface.

Observe local regulations regarding contact time of sanitizing solutions. A 2 minute contact time is stipulated by health departments that follow the United States Public Health Service Ordinance and Code.

Sanitizing solutions used on food contact equipment and surfaces are regulated by the Food and Drug Administration and Indirect Food Additives under Title 21, Code of Federal Regulations, Section 178.1010. Solutions specified in this section may be safely used on food contact equipment and surfaces that are adequately drained before contact with food. The solutions may not exceed specified concentrations (100 ppm available chlorine).

Refer to Appendix F of the Grade 'A' Pasteurized Milk Ordinance - 1965 Recommendations of the United States Public Health Service for existing milk sanitization standards and local milk sanitization regulations.

	Site, Efficacy, Dosage and Formulation	Use Directions
	Dairy Equipment (Unspecified) (continued)	
23	Sanitizer	
	100 ppm avail. Cl (30% P/T) or 271 ppm avail. Cl (6% SC/S)	Sanitization of precleaned equipment and utensils.
60005JE	Dairy Farm Milking Equipment	General Instructions for Use: The products registered in this site are for use on dairy farm milking equipment and utensils. Products are used to sanitize milking machines, milk cans, tanks, lines, pails, inflations, teat cups, and similar equipment. Refer to Dairy Equipment (Unspecified) for general instructions for use.
23	Sanitizer	
	97 ppm avail. Cl (99% G) (99% P/T) or 332 ppm avail. Cl (5% SC/S)	Sanitization of precleaned equipment and utensils.
	95-100 ppm avail. Cl (3.5%, 10% SC/S)	Sanitization of precleaned surfaces.
23 24	Sanitizer Deodorizer	
	191-199 ppm avail. Cl (3.5%. 10% SC/S)	Sanitizer-cleaner for surfaces.

Site, Efficacy, Dosage and Formulation	Use Directions

Dairy Farm Milking Equipment (continued)

22 Disinfectant
24 Deodorizer

494-570 ppm avail. Cl (3.5%, 10% SC/S)	Disinfectant-cleaner for surfaces.

61001JF
71005JF **Farm Premises**

General Instructions for Use: The products registered in this site are for use on Farm Premises and Equipment.

Product is diluted with water and applied by rag, swab, sponge, brush, sprayer, or by immersion.

Non-food use limitation: No food tolerance has been established for product. Contamination of food or food animals by product residues is to be strictly avoided. Follow non-food use procedures:

1) Remove all animals and feed from premises, vehicles, and enclosures.
2) Remove all litter and manure from floors, walls, and surfaces of barns, pens, stalls, chutes, and other facilities and fixtures occupied or traversed by animals.
3) Empty all troughs, racks, and other feeding and watering appliances.
4) Thoroughly clean all surfaces with soap or detergent and rinse with water.
5) Saturate all surfaces with the recommended disinfecting solution for a period of 10 minutes.
6) Immerse all halters, ropes, and other types of equipment used in handling and restraining animals, as well as forks, shovels, and scrapers used for removing litter and manure.
7) Ventilate buildings, cars, boats, and other closed spaces. Do not house livestock or employ treated equipment until product has been absorbed, set, or dried.
8) Thoroughly scrub all treated feed racks, mangers, troughs, automatic feeders, fountains, and waters with soap or detergent, and rinse with potable water before reuse.

Site, Efficacy, Dosage and Formulation — Use Directions

Farm Premises (continued)

23 Sanitizer

271 ppm avail. Cl (6% SC/S) — Sanitization of precleaned equipment.

22 Disinfectant
24 Deodorizer

973 ppm avail. Cl (99% P/T) — Disinfection of precleaned surfaces.

55000JA
55000GA Poultry House Premises and Equipment

General Instructions for Use: The products registered in this site are for use in poultry houses, including broiler, layer, and brooder houses, cages, coops, crates, feeding and watering equipment and other equipment found on these premises.

Dilute product with water. Apply by cloth, swab, sponge, brush, spray, or immersion. Before sanitizer or disinfectant treatment, preclean and rinse all surfaces thoroughly.

Non-food use limitation: No food tolerance has been established for product. Contamination of food or food animals by product residues is to be strictly avoided. Follow non-food use directions:

1) Remove all poultry and feeds from premises, trucks, coops, and crates.
2) Remove all litter and droppings from floors, walls, and surfaces of facilities occupied or traversed by poultry.
3) Empty all troughs, racks, and other feeding and watering appliances.
4) Thoroughly clean all surfaces with soap or detergent and rinse with water.
5) Saturate surfaces with the recommended disinfecting solution for a period of 10 minutes.
6) Ventilate buildings, coops, and other closed spaces. Do not house poultry or employ equipment until treatment has been absorbed, set, or dried.
7) Thoroughly scrub treated feed racks, troughs, automatic feeders, fountains, and waterers with soap or detergent, and rinse with potable water before reuse.

	Site, Efficacy, Dosage and Formulation	Use Directions
	Poultry House Premises and Equipment (continued)	
.23	Sanitizer	
	97 ppm avail. Cl (99% G)	Sanitization of precleaned equipment.
.22 .24	Disinfectant Deodorizer	
	973 ppm avail. Cl (99% P/T)	Disinfection of precleaned surfaces.
	(Household)	
630000A	Household Premises and Contents	
		General Instructions for Use: The products registered in this site are for use in household premises (i.e., walls, floors, fixtures) and contents (i.e., furnishings, equipment and other hard surfaces).
.23	Sanitizer	
	95-100 ppm avail. Cl (3.5%, 10% SC/S)	Sanitization of precleaned surfaces.
.23 .24	Sanitizer Deodorizer	
	191-199 ppm avail. Cl (3.5%, 10% SC/S)	Sanitizer-cleaner for surfaces.
.22 .24	Disinfectant Deodorizer	
	-- (0.6% G) (0.35% WP) or 494-570 ppm avail. Cl (3.5%, 10% SC/S)	Disinfectant-cleaner for surfaces.

Site, Efficacy, Dosage and Formulation	Use Directions

(Commercial and Industrial Uses)

'770000A **Commercial, Industrial, and Institutional Premises and Equipment** (Non-Medical)

General Instructions for Use: The products registered in this site are for use on commercial, industrial, institutional, and public premises and equipment.

This site includes the premises and equipment of the following areas:

1) Commercial - hotels, motels, theaters, office buildings, airports, bus stations, and train terminals.
2) Industrial - factories, mills, and industrial plants and areas.
3) Institutional - schools, colleges, camps, corridors, offices, auditoriums, institutions, and asylums.
4) Public areas - public areas, public buildings, or public rooms.

Premises is defined to include: ceilings, doors, doorknobs, fixtures, floors, light switches, stairs, walls, windows, and woodwork.

22 Disinfectant
24 Deodorizer

Site, Efficacy, Dosage and Formulation	Use Directions
-- (0.6% G) (0.35%, 0.45%, 0.5% WP) or 400-600 ppm avail. Cl (3.5%, 10%, SC/S)	Disinfectant-cleaner for surfaces.

23 Sanitizer

Site, Efficacy, Dosage and Formulation	Use Directions
95-100 ppm avail. Cl (3.5%, 10% SC/S)	Sanitization of precleaned surfaces.

Site, Efficacy, Dosage and Formulation	Use Directions

Commercial, Industrial, and Institutional Premises and Equipment (Non-Medical) (continued)

\23 Sanitizer
\24 Deodorizer

191-199 ppm avail. Cl (3.5%, 10% SC/S)	Sanitizer-cleaner of surfaces.

(Food and Feed Processing Plants)

General Information:

Equipment and food contact surfaces general instructions for use: Thoroughly clean and rinse equipment. Sanitize immediately before equipment is to be used, or as specified by local regulations. One-step sanitizer-cleaners and disinfectant-cleaners may be used without prior cleaning. Dilute product as directed. Application may be by wet wipe, scrub, flood, flush, rinse, circulation, immersion, or spray methods.

Observe local regulations regarding contact period of the sanitizing solution. A 2 minute contact time is stipulated by health departments that follow the United States Public Health Service Ordinance and Code. Adhere to manufacturer's instructions regarding the temperature of diluent and rinse. Drain equipment and food contact surfaces thoroughly. Rinse with potable water when required.

Sanitizing solutions are regulated by the Food and Drug Administration as Indirect Food Additives under Title 21, Code of Federal Regulations, Section 178.1010. Solutions specified in this section may be safely used on food processing equipment within the prescribed conditions. The solutions may not exceed specified concentrations (200 ppm). A potable water rinse is not required following the use of the solutions, provided the equipment and surfaces are adequately drained before contact with food. The solutions may not exceed specified concentrations. A potable water rinse is required when drainage alone is inadequate to prevent adulteration of food products.

The use of sanitizing solutions other than those identified in 21 Code of Federal Regulations, Section 178.1010, disinfecting solutions, one-step sanitizer-cleaners and disinfectant-cleaners must always be followed by a potable water rinse.

Premises (i.e., floors, walls, and other non-food contact surfaces) general instructions for use: Product directions may require a precleaning step before treatment. Remove all particulate contamination. Application may be by wipe, scrub, rinse, mop, or spray. Allow recommended contact time. Remove or carefully protect food products and food packaging materials before using quaternary ammonium products. Avoid contamination of food contact surfaces and food when applying pesticide solutions. Drain surfaces thoroughly. Rinse with potable water where required.

	Site, Efficacy, Dosage and Formulation	Use Directions
	(Food and Feed Processing Plants) (continued)	
	General Information (continued)	
	For mold/mildew control, preclean hard non-porous surfaces prior to treatment when required. Apply by sponge, cloth, mop, or spray. Allow to dry. Do not rinse. Repeat periodically or when mold/mildew growth appears. -	
71001JE	Bakery Processing Equipment	General Instructions for Use: The products registered in this site are for use on bakery equipment.
23	Sanitizer	
	95-100 ppm avail. Cl (3.5%, 10% SC/S)	Sanitization of precleaned surfaces.
	332 ppm avail. Cl (5% SC/S)	Sanitization of precleaned equipment and utensils.
23 24	Sanitizer Deodorizer	
	191-199 ppm avail. Cl (3.5%, 10% SC/S)	Sanitizer-cleaner for surfaces.
22 24	Disinfectant Deodorizer	
	494-570 ppm avail. Cl (3.5%, 10% SC/S)	Disinfectant-cleaner for surfaces.

	Site, Efficacy, Dosage and Formulation	Use Directions
71001JF	Bakery Processing Plant Premises	
		General Instructions for Use: The products registered in this site are for use on bakery processing plant premises (i.e., floors, walls and other non-food contact surfaces).
23	Sanitizer	
	95-100 ppm avail. Cl (3.5%, 10% SC/S)	Sanitization of precleaned surfaces.
23 24	Sanitizer Deodorizer	
	191-199 ppm avail. Cl (3.5%, 10% SC/S)	Sanitizer-cleaner for surfaces.
22 24	Disinfectant Deodorizer	
	494-570 ppm avail. Cl (3.5%, 10% SC/S)	Disinfectant-cleaner for surfaces.
71019JE	Beverage Processing Equipment	
		General Instructions for Use: The products registered in this site are for use on beverage processing equipment. Beverage processing equipment includes utensils, tanks, vats, hoses, pipelines, fillers, capping, crowning, and bottling equipment and other beverage contact equipment used in beverage, soft drink, carbonated beverage, and bottling plant processing. Included in this section are products intended for final sanitizing of beverage bottles, cans, and other containers.
23	Sanitizer	
	97 ppm avail. Cl (99% G) (99% P/T) or	Sanitization of precleaned equipment and utensils.

	Site, Efficacy, Dosage and Formulation	Use Directions
	Beverage Processing Equipment (continued)	
	271-332 ppm avail. Cl (5%, 6% SC/S)	
	95-100 ppm avail. Cl (3.5%, 10% SC/S)	Sanitization of precleaned surfaces.
.23 .24	Sanitizer Deodorizer	
	191-199 ppm avail. Cl (3.5%, 10% SC/S)	Sanitizer-cleaner for surfaces.
.22 .24	Disinfectant Deodorizer	
	494-570 ppm avail. Cl (3.5%, 10% SC/S)	Disinfectant-cleaner for surfaces.
71019JF	Beverage Processing Plant Premises	
		General Instructions for Use: The products registered in this site are for use on beverage processing plant premises (i.e., floors, walls, and other non-food contact surfaces).
.23	Sanitizer	
	95-100 ppm avail. Cl (3.5%, 10% SC/S)	Sanitization of precleaned surfaces.
.23 .24	Sanitizer Deodorizer	
	191-199 ppm avail. Cl (3.5%, 10% SC/S)	Sanitizer-cleaner for surfaces.

Site, Efficacy, Dosage and Formulation	Use Directions
Beverage Processing Plant Premises (continued)	
22 Disinfectant 24 Deodorizer	
494-570 ppm avail. Cl (3.5%, 105 SC/S)	Disinfectant-cleaner for surfaces.
710 Brewery Processing 710 Equipment	
	General Instructions for Use: The products registered in this site are for use on brewery processing equipment. Brewery processing equipment includes utensils, tanks, vats, hoses, pipelines, fillers, capping and crowning equipment, filters, fermenters, and other food contact equipment used in brewery processing.
23 Sanitizer	
97 ppm avail. Cl (70% P) (70% P/T) or 333 ppm avail. Cl (5% SC/S)	Sanitization of precleaned equipment and utensils.
710 Cannery Processing Equipment	
	General Instructions for Use: The products registered in this site are for use on cannery processing equipment including vats, conveyor belts, utensils, tanks, hoses, pipelines, fillers, and other food contact surfaces. Refer to Brewery Processing Equipment for dose and use information.

	Site, Efficacy, Dosage and Formulation	Use Directions
71012JE	Egg Processing Equipment	
		General Instructions for Use: The products registered in this site are for use on egg processing equipment including egg breaking, egg washers, and other food contact surfaces.
23	Sanitizer	
	96-97 ppm avail. Cl (99% P/T)	Sanitization of precleaned equipment and utensils.
23 24	Sanitizer Deodorizer	
	[MAI] 150-300 ppm avail. Cl (2% SC/S)	Sanitizer-cleaner for equipment and surfaces. Formulated with sodium dichloro-s-triazinetrione.
71013JE	Egg Processing Plant Premises	
		General Instructions for Use: The product registered in this site is for use in egg processing plant premises (i.e., floors, walls, and other nonfood contact surfaces).
23 24	Sanitizer Deodorizer	
	[MAI] 150-300 ppm avail. Cl (2% SC/S)	Sanitizer-cleaner for equipment and surfaces. Formulated with sodium dichloro-s-triazinetrione.
71022JE	Fish and Seafood Processing Equipment	
		General Instructions for Use: The products registered in this site are for use on fish and seafood processing equipment.
23	Sanitizer	
	292-487 ppm avail. Cl (99% G) (99% P/T)	Sanitization of equipment and utensils.

	Site, Efficacy, Dosage and Formulation	Use Directions
*71022IF	Fish Processing Plant Premises	
		General Instructions for Use: The product registered in this site is for use in fish processing plant premises (i.e., floors, walls, and other nonfood contact surfaces).
122 126	Disinfectant Deodorizer	
	391-487 ppm avail. Cl (99% P/T)	Disinfection of precleaned surfaces.
*71000JD	Food Processing Equipment and Surfaces (Food Contact)	
		General Instructions for Use: The products registered in this site are for use on food processing equipment (i.e., blanchers, evaporators, fillers, tanks, vats, pipelines, valves, utensils, cutting boards, and other food contact surfaces).
123	Sanitizer	
	95-117 ppm avail. Cl (99% G) (30%, 99% P/T) (3.5%, 10%, 18% SC/S) or 219-232 ppm avail. Cl (3.5%, 6%, 10%, 18% SC/S) or 332 ppm avail. Cl (5% SC/S)	Sanitization of precleaned equipment and utensils.

Site, Efficacy, Dosage and Formulation		Use Directions
	Food Processing Equipment and Surfaces (Food Contact) (continued)	
23 24	Sanitizer Deodorizer	
	191-199 ppm avail. Cl (3.5%, 10% SC/S)	Sanitizer-cleaner for surfaces.
	(MAI) 150-200 ppm avail. Cl (2% SC/S)	Sanitizer-cleaner for equipment and surfaces. Formulated with sodium dichloro-s-triazinetrione.
22 24	Disinfectant Deodorizer	
	[illegible]-577 ppm avail. Cl (3.5%, 10% SC/S)	Disinfectant-cleaner for surfaces.
31000.15	Food Processing Plant Premises	
		General Instructions for Use: The products registered in this site are for use on food processing plant premises (i.e., floors, walls, and other non-food contact surfaces).
23	Sanitizer	
	95-100 ppm avail. Cl (99% G) (3.5%, 10% SC/S)	Sanitization of precleaned surfaces.
23 24	Sanitizer Deodorizer	
	191-199 ppm avail. Cl (3.5%, 10% SC/S)	Sanitizer-cleaner for surfaces.

	Site, Efficacy, Dosage and Formulation	Use Directions
	Food Processing Plant Premises (continued)	
22 24	Disinfectant Deodorizer	
	385-577 ppm avail. Cl (3.5%, 10% SC/S)	Disinfectant-cleaner for surfaces.
23 24	Sanitizer Deodorizer	
	[MAI] 150-300 ppm avail. Cl (2% SC/S)	Sanitizer-cleaner for equipment and surfaces. Formulated with sodium dichloro-s-triazinetrione.
71008JE	Meat Processing Equipment	
		General Instructions for Use: The products registered in this site are for use on food contact surfaces in meat processing plants (i.e., work tables, cutting block surfaces, saws, grinders, utensils, coolers, cleavers, gambrels, carts, trays, racks, trolleys, and similar equipment or food contact surfaces in meat packing plants, slaughter houses, smoke houses, and meat processing plants).
23	Sanitizer	
	96-100 ppm avail. Cl (30%, 99% P/T) or 332 ppm avail. Cl (5% SC/S)	Sanitization of precleaned equipment and utensils.
	95-100 ppm avail. Cl (3.5%, 10% SC/S)	Sanitization of precleaned surfaces.

	Site, Efficacy, Dosage and Formulation	Use Directions
	Meat Processing Equipment (continued)	
.23 .24	Sanitizer Deodorizer	
	146-433 ppm avail. Cl (2%, 3.5%, 10% SC/S)	Sanitizer-cleaner for equipment and surfaces. May be formulated with sodium dichloro-s-triazinetrione.
.22 .24	Disinfectant Deodorizer	
	485-577 ppm avail. Cl (3.5%, 10% SC/S)	Disinfectant-cleaner for surfaces.
71008JF	Meat Processing Plant Premises	
		General Instructions for Use: The products registered in this site are for use in meat processing plant premises (i.e., floors, walls, and other non-food contact surfaces).
.23	Sanitizer	
	95-100 ppm avail. Cl (99% P/T) (3.5%, 10% SC/S)	Sanitization of precleaned surfaces.
.23 .24	Sanitizer Deodorizer	
	146-433 ppm avail. Cl (2%, 3.5%, 10% SC/S)	Sanitizer-cleaner for equipment and surfaces. May be formulated with sodium dichloro-s-triazinetrione.
.22 .24	Disinfectant Deodorizer	
	385-577 ppm avail. Cl (3.5%, 10% SC/S)	Disinfectant-cleaner for surfaces.

	Site, Efficacy, Dosage and Formulation	Use Directions
71005JE	Milk Processing Equipment	General Instructions for Use: The products registered in this site are for use in milk and dairy processing plants. Included in this section are products used to sanitize blanchers, evaporators, homogenizers, holding tanks, pipelines, valves, utensils, butter starter tanks, cheese processing equipment and utensils, and similar milk contact equipment.
23	Sanitizer	
	95-117 ppm avail. Cl (99% G) (99% P/T) (3.5%, 10%, 18% SC/S) or 219-232 ppm avail. Cl (3.5%, 18% SC/S) or 332 ppm avail. Cl (5% SC/S)	Sanitization of precleaned equipment and utensils.
23 24	Sanitizer Deodorizer	
	191-199 ppm avail. Cl (3.5%, 10% SC/S)	Sanitizer-cleaner for surfaces.
22 24	Disinfectant Deodorizer	
	494-570 ppm avail. Cl (3.5%, 10% SC/S)	Disinfectant-cleaner for surfaces.

	Site, Efficacy, Dosage and Formulation	Use Directions
'71005JF	Milk Processing Plant Premises	
		General Instructions for Use: The products registered in this site are for use in milk and dairy processing plant premises (i.e., floors, walls, ceilings, and other non-food contact surfaces). Also refer to Farm Premises for efficacy, dose and use information.
.23	Sanitizer	
	95-100 ppm avail. Cl (99% P/T) (3.5%, 10% SC/S)	Sanitization of precleaned surfaces.
.23 .24	Sanitizer Deodorizer	
	191-199 ppm avail. Cl (3.5%, 10% SC/S)	Sanitizer-cleaner for surfaces.
.22 24	Disinfectant Deodorizer	
	494-570 ppm avail. Cl (3.5%, 10% SC/S)	Disinfectant-cleaner for surfaces.

	Site, Efficacy, Dosage and Formulation	Use Directions
71009JE	Poultry Processing Equipment	
		General Instructions for Use: The products registered in this site are for use on food contact surfaces in poultry processing and packing plants (i.e., cutting surfaces, picking machines, utensils, eviscerating lines, shackle lines, chill tanks, packing tables, and other equipment and food contact surfaces).
23	Sanitizer	
	95-100 ppm avail. Cl (99% P/T) (3.5%, 10% SC/S) or 332 ppm avail. Cl (5% SC/S)	Sanitization of precleaned equipment and utensils.
23 24	Sanitizer Deodorizer	
	191-199 ppm avail. Cl (3.5%, 10% SC/S)	Sanitizer-cleaner for surfaces.
22 24	Disinfectant Deodorizer	
	385-577 ppm avail. Cl (3.5%, 10% SC/S)	Disinfectant-cleaner for surfaces.
23 24	Sanitizer Deodorizer	
	[MAI] 150-300 ppm avail. Cl (2% SC/S)	Sanitizer-cleaner for equipment and surfaces. Formulated with sodium dichloro-s-triazinetrione.

	Site, Efficacy, Dosage and Formulation	Use Directions
'71009JE	Poultry Processing Plant Premises	
		General Instructions for Use: The products registered in this site are for use in poultry processing plants (i.e., floors, walls, ceilings, and other non-food contact surfaces).
.23	Sanitizer	
	95-100 ppm avail. Cl (99% P/T) (3.5%, 10% SC/S)	Sanitization of precleaned surfaces.
.23 .24	Sanitizer Deodorizer	
	191-199 ppm avail. Cl (3.5%, 10% SC/S)	Sanitizer-cleaner for surfaces.
.22 .24	Disinfectant Deodorizer	
	385-577 ppm avail. Cl (3.5%, 10% SC/S)	Disinfectant-cleaner for surfaces.
.23 .24	Sanitizer Deodorizer	
	[MAI] 150-300 ppm avail. Cl (2% SC/S)	Sanitizer-cleaner for equipment and surfaces. Formulated with sodium dichloro-s-triazinetrione.

Site, Efficacy, Dosage and Formulation	Use Directions

(Eating Establishments)

72006JE **Eating Establishment Equipment and Utensils**

General Instructions for Use: The products registered in this site are for use on equipment and utensils in eating establishments (i.e., restaurants, taverns, bars, cafeterias, etc.) where food and beverages are served. Utensils include silverware, dishes, glassware, and similar cooking and eating utensils. Equipment includes fixtures, stoves, sinks, and refrigerators.

Sanitizers which are registered for use on food contact surfaces are required to be in compliance with the food additive regulations identified in Title 21 Code of Federal Regulations, Section 178.1010, Sanitizing solutions.

Sanitizer food contact surface treatment instructions:
1) Remove surface soils by scraping or flushing with water.
2) Wash with a suitable detergent or cleaner.
3) Rinse with potable water.
4) Dilute product according to label directions.
5) Apply by immersion, flooding, spraying, mopping, sponging, or wiping making sure to wet all surfaces thoroughly.
6) Allow for the specified contact time (at least 1 minute).
7) Allow the use solution to drain and air dry.
8) Do not rinse the surface with water after sanitizing as this will recontaminate the surface.

Follow label instructions for products registered for use on food contact surfaces which are disinfectants.

23 Sanitizer

95-117 ppm avail. Cl (99% G) (99% P/T) (3.5%, 10% SC/S) or	Sanitization of precleaned equipment and utensils.

	Site, Efficacy, Dosage and Formulation	Use Directions
	Eating Establishment Equipment and Utensils (continued)	
	232 ppm avail. Cl (3.5% SC/S) or 332 ppm avail. Cl (5% SC/S)	
.23 .24	Sanitizer Deodorizer	
	191-199 ppm avail. Cl (3.5%, 10% SC/S)	Sanitizer-cleaner of surfaces.
.22 .24	Disinfectant Deodorizer	
	-- (0.6% G) (0.35% WP) or 494-570 ppm avail. Cl (3.5%, 10% SC/S)	Disinfectant-cleaner for surfaces.

	Site, Efficacy, Dosage and Formulation	Use Directions
720000A	Eating Establishment Premises	General Instructions for Use: The products registered in this site are for use on eating establishment premises (i.e., floors, walls, and other nonfood contact surfaces). Eating establishment premises include commercial restaurants and cafeterias, institutional and household kitchens and dining areas, etc. Preclean surfaces before treatment with the antimicrobial solution. Dilute product according to label directions. Apply by mop, spray, cloth, sprinkle, scrub, brush, or machine apparatus. Thoroughly wet surfaces to be treated. Avoid contamination of foods or food contact surfaces. Some products require a rinse with potable water following the antimicrobial treatment.
23	Sanitizer	
	95-100 ppm avail. Cl (3.5%, 10% SC/S)	Sanitization of precleaned surfaces.
23 24	Sanitizer Deodorizer	
	191-199 ppm avail. Cl (3.5%, 10% SC/S)	Sanitizer-cleaner for surfaces.
22 24	Disinfectant Deodorizer	
	-- (0.6% G) (0.45% WP) or 494-570 ppm avail. Cl (3.5%, 10% SC/S)	Disinfectant-cleaner for surfaces.

	Site, Efficacy, Dosage and Formulation	Use Directions
	(Hospitals and Related Institutions)	
'74000HA '74000JC	Hospital Premises and Equipment	General Instructions for Use: The products registered in this site are for use in hospitals and medical facility premises (i.e., floors, walls, ceilings, fixtures, air ducts, and environmental surfaces) and on hospital non-critical contents (i.e., furniture, bedframes, telephones, tables, carts, physical therapy equipment, bedpans, basins, and janitorial equipment). Some products are intended for use on hospital conductive floors. Medical facilities include nursing homes, doctor and dentist offices, laboratories, and sanitariums. Hospital non-critical contents includes those items, hard surfaces, equipment, and furniture that does not contact the patient or only contacts the patient's skin.
.23	Sanitizer	
	95-100 ppm avail. Cl (3.5%, 10% SC/S)	Sanitization of precleaned equipment and utensils.
.23 .24	Sanitizer Deodorizer	
	191-199 ppm avail. Cl (3.5%. 10% SC/S)	Sanitizer-cleaner of surfaces.
.22 .24	Disinfectant Deodorizer	
	-- (0.35%, 0.45% WP) or 494-570 ppm avail. Cl (3.5%, 10% SC/S)	Disinfectant-cleaner of surfaces.

Site, Efficacy, Dosage and Formulation		Use Directions
74011HA 74011JC	Surgical Instruments	
		General Instructions for Use: The product in this site is for use on surgical instruments and hospital, medical, and/or laboratory critical instruments. Critical instruments are those instruments which penetrate the tissue or make intimate contact with the blood or the mucous membranes of the body.
22 24	Disinfectant Deodorizer	
	-- (0.35% WP)	Disinfectant-cleaner for surfaces.
	(Industrial Preservatives and Additives)	
810050A	Leather and Leather Products	
		General Instructions for Use: The product in this site is for use on leather and leather products.
24	Deodorizer	
	3.2 ppm avail. Cl (15% SC/S)	Hide-brine curing treatment.

	Site, Efficacy, Dosage and Formulation	Use Directions
810080A	Oil Recovery Drilling Muds and Packer Fluids	

General Instructions for Use: The products registered in this site are microbistats, bacteriostats, and bactericides for use in oil recovery drilling muds, packer fluids, completion fluids, fracturing fluids, drilling fluids, packer muds, and workover fluids. These products are intended to control the growth of bacteria such as: anaerobic sulfate-forming bacteria (Desulforibrio desulficans) and aerobic slime-forming bacteria (Pseudomonas sp. and Bacillus sp.) which impair the efficiency of the muds and fluids. Add product directly to drilling muds and packer fluids. Fracturing fluids may be added and premixed prior to the fracturing operation or may be added directly from the drum by means of a proportioning pump to the blender during the operation.

28 Microbicide/Microbistat

BABAAA Slime-forming bacteria
BAEAAA Sulfate-reducing bacteria

YAFQBB Slime-forming fungi

KAAAAA Algae

80-800 ppm avail. Cl (99.5% P/T)	Drilling mud and packer fluid treatment.

	Site, Efficacy, Dosage and Formulation	Use Directions
	(Domestic and Human Uses)	
	(Bathrooms)	
880030A	Bathroom Premises	General Instructions for Use: The products registered in this site are for use in bathroom premises (i.e., floors, walls, sinks, bathtubs, shower stalls, toilet seats, toilet exterior surfaces, and fixtures). Preclean surfaces prior to treatment. A precleaning step is not required for one-step disinfectant-cleaners. Dilute product as directed. Apply by mop, sponge, brush, cloth, or spray. Wet surfaces thoroughly. Allow required contact time. Rinse where required. Porous surfaces such as grout and unfinished or scarred surfaces may require a higher concentration of antimicrobial than non-porous surfaces such as porcelain and tile.
23	Sanitizer	
	-- (30% P/T)	Sanitization of precleaned surfaces.
22	Disinfectant	
24	Deodorizer	
	-- (0.6% G) (0.35%, 0.45% WP)	Disinfectant-cleaner for surfaces.
22	Disinfectant	
YABQBB	Mold/mildew	
	-- (0.6% G)	Disinfection of and mold/mildew control on surfaces.

	Site, Efficacy, Dosage and Formulation	Use Directions
880040A	Toilet Bowls and Urinals	
		General Instructions for Use: The product registered in this site is for use on toilet bowl and urinal surfaces and water.
23	Sanitizer	
	-- (30% P/T)	Sanitization of toilet bowls.
	(Laundry)	
87006HD	Laundry (Hospital, Commercial, and Institutional)	
		General Instructions for Use: The product registered in this site is for use in the treatment of laundry (i.e., washable fabrics such as clothing, linens, sheets, towels, blankets, uniforms, and bathing suits) in commercial, institutional, and medical establishments (i.e., schools, restaurants, hotels, motels, athletic facilities, and hospitals). Fabrics are treated in bulk or multifamily laundry loads. Commercial machines typically handle 50 to 100 pounds of fabric per load and have a lower fabric-to-water weight ratio (1:3 to 1:5) than home washing machines (1:10 to 1:15). Wet fabrics should be spin dried before product is applied. Add the diluted product in the pre-wash, followed by the regular wash cycle with a good detergent. Use sanitizing solution promptly after mixing.
23	Sanitizer	
	60 ppm avail. Cl (15.9% SC/S)	Sanitization of laundry.

	Site, Efficacy, Dosage and Formulation	Use Directions
87006HE	Laundry (Household)	
		General Instructions for Use: The product registered in this site is for use in the treatment of household laundry (i.e., clothing, linens, sheets, towels, and dish cloths).
		Wash water additive (machine or hand wash). Add product to wash water. Rinse fabric following treatment.
23	Sanitizer	
	-- (30% P/T)	Sanitization of laundry.

099.9901 100% technical chemical
trichloro-s-triazinetrione (081405) 100%
000230-00059 000230-00061

096.0002 96% formulation intermediate
trichloro-s-triazinetrione (081405) 96%
006199-00003

096.2002 96.2% formulation intermediate
trichloro-s-triazinetrione (081405) 96.2%
033906-00002 033906-00003 033906-00006

098.0002 98% formulation intermediate
trichloro-s-triazinetrione (081405) 98%
033980-00001

099.0002 99% formulation intermediate
trichloro-s-triazinetrione (081405) 99%
000230-00047 000230-00058 000230-00079 000230-00080
000230-00081 000230-00083 000230-00084 000524-00107
001258-00855 001258-00893 001258-00992 001258-00993
001258-00994 001258-00996 011551-00006 053254-00001
053254-00005 053254-00006 057091-00001

099.4002 99.4% formulation intermediate
trichloro-s-triazinetrione (081405) 99.4%
000230-00082 000230-00087

099.5002 99.5% formulation intermediate
trichloro-s-triazinetrione (081405) 99.5%
006199-00003 010182-00032 010182-00033 010182-00055

099.7002 99.7% formulation intermediate
trichloro-s-triazinetrione (081405) 99.7%
006199-00005

000.6004 0.6% granular
trichloro-s-triazinetrione (081405) 0.6%
004582-00065 004582-00066

016.6304 16.63% granular
trichloro-s-triazinetrione (081405) 16.63%
potassium dichloro-s-triazinetrione (081403) 76.14%
92.77%
005185-00095

020.0004 20% granular
trichloro-s-triazinetrione (081405) 20%
001757-00017

025.0004 25% granular
trichloro-s-triazinetrione (081405) 25%
004643-00029

Listing of Registered Pesticide Products by Formulation (continued)

026.0004	26% granular	
	trichloro-s-triazinetrione (081405)	26%
	007124-00013	
033.2604	33.26% granular	
	trichloro-s-triazinetrione (081405)	33.26%
	potassium dichloro-s-triazinetrione (081403)	50.76%
		84.02%
	005185-00102	
049.8904	49.89% granular	
	trichloro-s-triazinetrione (081405)	49.89%
	potassium dichloro-s-triazinetrione (081403)	25.38%
		75.27%
	005185-00096	
050.0004	50% granular	
	trichloro-s-triazinetrione (081405)	50%
	007124-00050	
055.6004	55.6% granular	
	trichloro-s-triazinetrione (081405)	55.6%
	005185-00308	
061.0004	61% granular	
	trichloro-s-triazinetrione (081405)	61%
	005185-00089	
062.3004	62.3% granular	
	trichloro-s-triazinetrione (081405)	62.3%
	005185-00307	
066.0004	66% granular	
	trichloro-s-triazinetrione (081405)	66%
	007152-00043 042177-00001	
066.5204	66.52% granular	
	trichloro-s-triazinetrione (081405)	66.52%
	005185-00066 005185-00085 005185-00090 005185-00158	
068.0004	68% granular	
	trichloro-s-triazinetrione (081405)	65%
	007124-00006	
070.0004	70% granular	
	trichloro-s-triazinetrione (081405)	70%
	005185-00117 007124-00042 007124-00047 008544-00004 009237-00005 011411-00002 012465-00043	
072.1004	72.1% granular	
	trichloro-s-triazinetrione (081405)	72.1%
	005185-00105	

077.6004 77.6% granular
trichloro-s-triazinetrione (081405) 77.6%
005185-00099

079.0004 79% granular
trichloro-s-triazinetrione (081405) 79%
008791-00001

081.0004 81% granular
trichloro-s-triazinetrione (081405) 81%
007124-00015

096.2004 96.2% granular
trichloro-s-triazinetrione (081405) 96.2%
010598-00010

097.0004 97% granular
trichloro-s-triazinetrione (081405) 97%
005185-00061 005185-00115

098.0004 98% granular
trichloro-s-triazinetrione (081405) 98%
010897-00002 011411-00007

099.0004 99% granular
trichloro-s-triazinetrione (081405) 99%
000266-00037 000337-00069 000524-00380 000524-00387
001258-01060 001258-01075 002136-00033 003432-00044
003525-00075 005185-00143 006284-00026 006284-00037
007124-00024 007152-00033 007368-00021 007368-00030
007368-00070 007616-00028 008791-00011 009087-00010
009087-00016 010336-00007 010897-00030 013812-00003
015127-00003 015127-00005 015127-00015 015127-00016
032460-00030 037982-00022 039743-00011 040290-00009
040952-00003 042177-00026 042177-00067 043692-00003
045387-00013 045723-00002 045898-00004

099.1004 99.1% granular
trichloro-s-triazinetrione (081405) 99.1%
008791-00006

099.4004 99.4% granular
trichloro-s-triazinetrione (081405) 99.4%
005427-00088 010332-00012 027581-00031 044801-00004
047181-00001

099.5004 99.5% granular
trichloro-s-triazinetrione (081405) 99.5%
001729-00141 003876-00138 007368-00072 010182-00012
010182-00051 010598-00005 045898-00010

099.9004 99.9% granular
trichloro-s-triazinetrione (081405) 99.9%
040316-00002

099.9904 100% granular
trichloro-s-triazinetrione (081405) 100%
000266-00011 000266-00032 001729-00092 005185-00100
005185-00114 005185-00134 005185-00136 007124-00022
007124-00040 007124-00043 007616-00050 008544-00011
009157-00017 009215-00003 009214-00004 011005-00004
011005-00005 027570-00002 035572-00002 036284-00004
041260-00035

030.0005 30% pelleted/tableted
trichloro-s-triazinetrione (081405) 30%
007124-00002

030.3005 30.3% pelleted/tableted
trichloro-s-triazinetrione (081405) 30.3%
007616-00048

038.8005 38.8% pelleted/tableted
trichloro-s-triazinetrione (081405) 38.8%
004829-00094

038.9005 38.9% pelleted/tableted
trichloro-s-triazinetrione (081405) 38.9%
004829-00119

056.0005 56% pelleted/tableted
trichloro-s-triazinetrione (081405) 56%
003432-00032 004206-00006

060.0005 60% pelleted/tableted
trichloro-s-triazinetrione (081405) 60%
009087-00002 009087-00017 009087-00024

063.0005 63% pelleted/tableted
trichloro-s-triazinetrione (081405) 63%
004829-00078 004829-00079 004829-00080 004829-00081
004829-00082 004829-00083 004829-00084 004829-00085
006284-00043 006284-00046

065.0005 65% pelleted/tableted
trichloro-s-triazinetrione (081405) 65%
007124-00061 007124-00062 007124-00063 007124-00064
007124-00065 007124-00066 007124-00067 007124-00068
007124-00069

066.0005 66% pelleted/tableted
trichloro-s-triazinetrione (081405) 66%
001258-00890 002292-00091 007124-00001 007368-00061
045309-00020 045898-00011

Listing of Registered Pesticide Products by Formulation (continued)

067.0005 **67% pelleted/tableted**
trichloro-s-triazinetrione (081405) 67%
003525-00039 007124-00037 008791-00029 011411-00012
012465-00016 012465-00042 042177-00004 042177-00068
045309-00007 045309-00008 045309-00015 045309-00020

068.0005 **68% pelleted/tableted**
trichloro-s-triazinetrione (081405) 68%
005185-00161

070.0005 **70% pelleted/tableted**
trichloro-s-triazinetrione (081405) 70%
009157-00033

078.0005 **78% pelleted/tableted**
trichloro-s-triazinetrione (081405) 78%
004829-00116 004829-00117 004829-00118 009291-00006

080.0005 **80% pelleted/tableted**
trichloro-s-triazinetrione (081405) 80%
008791-00009 009237-00009

081.0005 **81% pelleted/tableted**
trichloro-s-triazinetrione (081405) 81%
010897-00015 037982-00008

082.0005 **82% pelleted/tableted**
trichloro-s-triazinetrione (081405) 82%
007368-00022 007616-00008 007616-00051 010718-00003

089.0005 **89% pelleted/tableted**
trichloro-s-triazinetrione (081405) 89%
005185-00349 042177-00047 042177-00048 042177-00050

090.0005 **90% pelleted/tableted**
trichloro-s-triazinetrione (081405) 90%
005185-00351 005185-00352 005185-00371 007616-00018
010897-00010 037982-00003

093.0005 **93% pelleted/tableted**
trichloro-s-triazinetrione (081405) 93%
005185-00348

094.0005 **94% pelleted/tableted**
trichloro-s-triazinetrione (081405) 94%
000148-00916 000148-01279 000148-01280 000148-01281
008791-00003 008791-00026 008791-00028 008791-00033

095.0005 **95% pelleted/tableted**
trichloro-s-triazinetrione (081405) 95%
009087-00001 009087-00003 009087-00004 009087-00011
009087-00015 009087-00018 009087-00020 009087-00035
012465-00036 012465-00037 012465-00038 012465-00039
012465-00049

Listing of Registered Pesticide Products by Formulation (continued)

1095.4005 95.4% pelleted/tableted

trichloro-s-triazinetrione (081405) 95.4%
042177-00036

1096.0005 96% pelleted/tableted

trichloro-s-triazinetrione (081405) 96%
001744-00012 001744-00013

trichloro-s-triazinetrione (081405) 96%
sodium bromide (013907) 2%
98%

006284-00029

1097.0005 97% pelleted/tableted

trichloro-s-triazinetrione (081405) 97%
alkyl*dimethyl 1-naphthylmethyl ammonium chloride *alkyl
(98% C12, 2% C14) (069112) 3%
100%

007124-00027

1098.6005 98.6% pelleted/tableted

trichloro-s-triazinetrione (081405) 98.6%
008791-00036 008791-00037 008791-00038

1098.8005 98.8% pelleted/tableted

trichloro-s-triazinetrione (081405) 98.8%
001448-00087 001448-00088 004829-00059 004829-00061
004829-00063 004829-00067 015300-00021 048520-00010
048520-00011

1099.0005 99% pelleted/tableted

trichloro-s-triazinetrione (081405) 99%
000230-00085 000278-00056 000278-00057 000524-00323
000524-00324 000524-00336 000524-00337 000524-00380
000524-00384 000524-00399 001258-00853 001258-00905
001258-00922 001258-00995 001258-00997 001258-00998
001258-01059 001258-01061 001258-01062 001258-01083
001729-00095 001729-00098 001729-00099 001729-00100
001729-00101 001729-00120 001757-00046 002292-00087
002292-00088 002292-00089 002292-00090 002292-00092
002292-00093 003432-00023 003432-00024 003432-00035
003432-00036 003432-00051 003432-00061 003525-00038
003525-00072 003525-00073 003525-00074 003525-00076
004206-00018 004591-00070 004591-00072 004829-00086
005185-00144 005185-00159 005185-00318 005185-00343
005185-00370 005185-00375 006284-00011 006284-00012
006284-00019 006284-00025 006284-00031 006284-00032
006284-00033 006284-00035 006284-00036 007124-00070
007124-00071 007124-00072 007124-00073 007124-00074
007124-00079 007124-00080 007124-00081 007124-00082
007124-00083 007152-00037 007152-00039 007368-00027
007616-00039 008959-00042 009087-00012 009087-00013
009087-00014 009157-00029 009157-00032 009215-00007
009359-00016 009359-00017 009359-00018 009359-00019

99% pelleted/tableted (continued)

009639-00010 010183-00028 010897-00016 010897-00017
012200-00003 012200-00004 012200-00005 012477-00011
015127-00004 015127-00017 015127-00018 032460-00026
032460-00027 033458-00016 033458-00017 033458-00019
036284-00001 036284-00005 036531-00005 036531-00006
042177-00017 042177-00018 042177-00022 042177-00023
042177-00024 045309-00009 045309-00016 045309-00019
045387-00014 045387-00016 045387-00017 045387-00018
045458-00005 045458-00006 045458-00008 045898-00001
045898-00002 045898-00003 045898-00006 045898-00007
045898-00008 045898-00009 046616-00005 048242-00002
048242-00003 048242-00004 054998-00001 054998-00003
054998-00006 054998-00011

099.3005 99.3% pelleted/tableted
trichloro-s-triazinetrione (081405) 99.3%
004829-00055 004829-00074 004829-00075 004829-00077
004829-00087 004829-00089

099.4005 99.4% pelleted/tableted
trichloro-s-triazinetrione (081405) 99.4%
004643-00047 008405-00011 008405-00012 008405-00013
009157-00035 051470-00001

099.5005 99.5% pelleted/tableted
trichloro-s-triazinetrione (081405) 99.5%
001729-00143* 001729-00145* 003876-00138 007364-00013
007368-00073 008859-00004 008866-00020 009157-00006
009157-00027 010182-00011 010182-00042 010182-00052
010182-00053 010182-00054 010183-00018 010183-00025
011329-00001 011329-00007 011329-00009 012465-00015
012465-00034 012465-00048 034571-00012 048525-00014
*jacket currently unavailable for review

099.7005 99.7% pelleted/tableted
trichloro-s-triazinetrione (081405) 99.7%
009639-00010

099.9905 100% pelleted/tableted
trichloro-s-triazinetrione (081405) 100%
000266-00024 000266-00033 003432-00048 003525-00042
004206-00022 005185-00145 007124-00012 007124-00014
007124-00018 007124-00044 007124-00053 007368-00019
007368-00067 008454-00005 008544-00012 008544-00015
008791-00002 008791-00007 009215-00006 009237-00006
010598-00007 010897-00008 010897-00011 011411-00003
011411-00005 011411-00006 011411-00008 012465-00032
012465-00033 027570-00001 035572-00003 035572-00005
037982-00004 037982-00006 042177-00006

Listing of Registered Pesticide Products by Formulation (continued)

000.3506	0.35% wettable powder	
	trichloro-s-triazinetrione (081405)	0.35%
	000541-00100	
000.4506	0.45% wettable powder	
	trichloro-s-triazinetrione (081405)	0.45%
	001363-00022	
000.5006	0.5% wettable powder	
	trichloro-s-triazinetrione (081405)	0.5%
	001124-00072	
099.5010	99.5% impregnated materials	
	trichloro-s-triazinetrione (081405)	99.5%
	001729-00149*	
	*jacket currently unavailable for review	
002.0015	2% soluble concentrate/solid	
	trichloro-s-triazinetrione (081405)	2%
	sodium dichloro-s-triazinetrione (081404)	2%
		4%
	010147-00019* 010147-00021*	
	*jacket currently unavailable for review	
003.5015	3.5% soluble concentrate/solid	
	trichloro-s-triazinetrione (081405)	3.5%
	000541-00123 000887-00041	
005.0015	5% soluble concentrate/solid	
	trichloro-s-triazinetrione (081405)	5%
	001020-00004	
006.0015	6% soluble concentrate/solid	
	trichloro-s-triazinetrione (081405)	6%
	006574-00002	
010.0015	10% soluble concentrate/solid	
	trichloro-s-triazinetrione (081405)	10%
	000541-00173	
015.0015	15% soluble concentrate/solid	
	trichloro-s-triazinetrione (081405)	15%
	010147-00010	
015.9015	15.9% soluble concentrate/solid	
	trichloro-s-triazinetrione (081405)	15.9%
	003618-00015	
018.0015	18% soluble concentrate/solid	
	trichloro-s-triazinetrione (081405)	18%
	000887-00029	

020.0015 20% soluble concentrate/solid

trichloro-s-triazinetrione (081405) 20%

015300-00017

999999 **State Label Registrations**

AZ Reg. No.

036839-03946 036839-03948 037918-09425 037918-09426

CA Reg. No.

001803-04427 006809-04910 008597-03133 009237-10289
009639-10524 010897-04567 010897-04568 011211-05427
011411-06979 011411-06980 037827-08441 038098-09416

FL Reg. No.

012711-03193 012711-03714 012713-05487 012713-05490
012713-05491 020809-04525 020809-04526 024762-03022
030302-08871 032196-08268 034164-09257 035227-04462
037428-10517 037428-10518 037434-04484 037566-09364
037566-10482 037567-10108 037799-08384 037829-08443
037839-08555 037839-08556 037939-09401 037939-09507
038101-09846

HI Reg. No.

036305-03068

Appendix A-1

Listing of Active Ingredient(s) Found in Combination with the Report Chemical

Chemical Code	Common Name (source)	EPA Acceptable Common/Chemical Name
069112	alkyl*dimethyl 1-naphthylmethyl ammonium chloride *alkyl (98% C12, 2% C14)	--
081403	potassium dichloro-s-triazinetrione	--
013907	sodium bromide	--
081404	sodium dichloro-s-triazinetrione	--

-- Use Common Name

(MONO(TRICHLORO)TETRA(MONOPOTASSIUM DICHLORO))PENTA-S-TRIAZINETRIONE

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a081406 (MONO(TRICHLORO)TETRA(MONOPOTASSIUM DICHLORO))PENTA-S-TRIAZINETRIONE

TYPE PESTICIDE: Algaecide, Antimicrobial, Fungicide

FORMULATIONS:
G (100%)
SC/S (6.2%, 16%)

PRESENTATION OF INFORMATION: All final concentrations are expressed in parts per million (ppm) available chlorine. Concentrations are rounded to the nearest whole number when the value is less than 1,000 and to the third significant figure when the value is greater than 1,000. Dilutions are the ratio of the weight of the product to be diluted to the weight of water in which the product is diluted. The dilutions are rounded to the nearest whole number. For the purpose of ppm available chlorine concentration calculations, it is assumed that 66.6 percent of the total weight of the (mono(trichloro)tetra(monopotassium dichloro))penta-s-triazinetrione product is available chlorine.
Definition of Terms:
ppm avail. Cl - parts per million available chlorine

GENERAL WARNINGS AND LIMITATIONS: This product is toxic to fish. Do not discharge into lakes, streams, ponds or public waters unless in accordance with an NPDES permit. Do not contaminate food or feed by storage, disposal, or cleaning of equipment. Do not get in eyes, on skin or on clothing. Wear goggles or face shield and rubber gloves when handling. Irritating to nose and throat. Avoid breathing dust. Remove and wash contaminated clothing before reuse.

Triazinetriones are strong oxidants. Fire may result from contact with heat, acids, organic or combustible matter. Keep cover tightly closed. Store container in an upright position in a cool place. Do not mix with anything but water.

Follow label directions for the disposal of the product container when empty.

Site, Efficacy, Dosage and Formulation — Use Directions

AQUATIC NONFOOD

(Aquatic Sites)

65019MA Commercial and Industrial Water Cooling Towers and Evaporative Condensers

General Instructions for Use: The product registered for this site is intended to control the growth of slime-forming bacteria, fungi, and algae which impair the efficiency of the system. Methods of application may be slug feed treatment, intermittent feed treatment, or continuous feed treatment.

Slug Feed Treatment - Treatment that involves addition of a specified dose to the system at 1 time. Treatment may be repeated at intervals, usually once a day or less frequently.

Intermittent Feed Treatment - Treatment that is on a semi-continuous basis. Provides a continous dosage over a brief period and is repeated at stated intervals.

Continuous Feed Treatment - Treatment that is on an uninterrupted basis to provide a sustained concentration. Usually an initial slug dose is used to establish control prior to continuous treatment.

When algal or microbial growth is noticed, an initial high concentration dosage is used and repeated until control is achieved. When control is evident, a subsequent dosage of lower concentration is used to maintain control. Should algae or slime become visible again, the initial slug dose should be used, followed by the maintenance procedure.

Badly fouled systems must be cleaned by any suitable means before treatment is begun.

Product may be fed by drip-feed device, measuring container, or suitable chemical pump such as proportioning, variable speed positive displacement, or reciprocating types. Manual additions may also be used. Product should be fed at a location in the system where it will be uniformly mixed and evenly distributed.

Site, Efficacy, Dosage and Formulation	Use Directions

Commercial and Industrial Water Cooling Towers and Evaporative Condensers (continued)

28 Microbicide/microbistat

KAAAAA Algae

BABAAA Slime-forming bacteria

YAFQBB Slime-forming fungi

40-80 ppm avail. Cl (100% G)	Initial slug treatment. Use 8 to 16 ounces of product per 1,000 gallons of water. Repeat initial dosage until control is evident.
20-60 ppm avail. Cl (100% G)	Subsequent slug treatment. Use 4 to 12 ounces of product per 1,000 gallons of water. The frequency of addition depends upon the relative amount of bleedoff and the severity of the microbiological problem. Slug additions should be made in the sump of the water cooling tower.

Site, Efficacy, Dosage and Formulation | Use Directions

INDOOR

(Agricultural Premises and Equipment)

60005JE
71019JE
71003JE
71000JE

Dairy Farm Milking Equipment

General Instructions for Use: The products registered in this site are for use on dairy farm milking equipment and utensils. Products are used to sanitize milking machines, milk cans, tanks, lines, pails, inflations, teat cups, and similar equipment.

Clean and rinse all equipment prior to sanitization. Deposits of milk solids will interfere with sanitization, thus all contaminating milk residue must be flushed from equipment and equipment surfaces prior to sanitization. Activity of chemical sanitizers may be adversely affected by ingredients in washing compounds and organic matter carried over from the wash solution. A rinse between the cleaning and the sanitizing treatment is important in maintaining the strength of the sanitizing solution. A one-step cleaner-sanitizer may be used without prior cleaning.

Dilute product as directed to prepare sanitizing solutions. Apply by circulation, immersion, wipe, swab, brush, or spray. Allow the solution to drain and air dry. Do not rinse the surface with water after sanitizing as this will recontaminate the surface.

Observe local regulations regarding contact time of sanitizing solutions. A 2 minute contact time is stipulated by health departments that follow the United States Public Health Service Ordinance and Code.

Sanitizing solutions used on food contact equipment and surfaces are regulated by the Food and Drug Administration and Indirect Food Additives under Title 21, Code of Federal Regulations, Section 178.1010. Solutions specified in this section may be safely used on food contact equipment and surfaces that are adequately drained before contact with food. The solutions may not exceed specified concentrations (100 ppm available chlorine).

Site, Efficacy, Dosage and Formulation	Use Directions
Dairy Farm Milking Equipment (continued)	
	Refer to appendix F of the Grade 'A' Pasteurized Milk Ordinance - 1965 Recommendations of the United States Public Health Service for existing milk sanitization standards and local milk sanitization regulations.
123 Sanitizer	
103-114 ppm avail. Cl (6.2%, 16% SC/S)	Sanitization of precleaned equipment and utensils.

(Commercial and Industrial Uses)

(Food and Feed Processing Plants)

General Information:
Equipment and food contact surfaces general instructions for use: Thoroughly clean and rinse equipment. Sanitize immediately before equipment is to be used, or as specified by local regulations. One-step sanitizer-cleaners and disinfectant-cleaners may be used without prior cleaning. Dilute product as directed. Application may be by wet wipe, scrub, flood, flush, rinse, circulation, immersion, or spray methods. Allow the solution to drain and air dry. Do not rinse the surface with water after sanitizing as this will recontaminate the surface.

Observe local regulations regarding contact period of the sanitizing solution. A 2 minute contact time is stipulated by health departments that follow the United States Public Health Service Ordinance and Code.

Sanitizing solutions are regulated by the Food and Drug Administration as Indirect Food Additives under Title 21, Code of Federal Regulations, Section 178.1010. Solutions specified in this section may be safely used on food processing equipment within the prescribed conditions. The solutions may not exceed specified concentrations (100 ppm available chlorine).

Premises (i.e., floors, walls, and other non-food contact surfaces) general instructions for use: Product directions may require a precleaning step before treatment. Remove all particulate contamination. Application may be by wipe, scrub, rinse, mop, or spray. Allow recommended contact time. Remove or carefully protect food products and food packaging materials before using quaternary ammonium products. Avoid contamination of food contact surfaces and food when applying pesticide solutions. Drain surfaces thoroughly. Rinse with potable water where required.

	Site, Efficacy, Dosage and Formulation	Use Directions
71005JE 72006JE	Milk Processing Equipment	
		General Instructions for Use: The products registered in this site are for use in milk and dairy processing plants. Included in this section are products used to sanitize blanchers, evaporators, homogenizers, holding tanks, pipelines, valves, utensils, butter starter tanks, cheese processing equipment and utensils, and similar milk contact equipment.
23	Sanitizer	
	100-103 ppm avail. Cl (6.2%, 16% SC/S)	Sanitization of precleaned equipment and utensils.

099.9904 100% granular
mono(trichloro)tetra(monopotassium dichloro))penta-s-triazinetrione (081406) 100%
041879-00003

006.2015 6.2% soluble concentrate/solid
mono(trichloro)tetra(monopotassium dichloro))penta-s-triazinetrione (081406) 6.2%
005362-00012

016.0015 16% soluble concentrate/solid
mono(trichloro)tetra(monopotassium dichloro))penta-s-triazinetrione (081406) 16%
005362-00013

EPA Compendium of Acceptable Uses

SODIUM DICHLORO-S-TRIAZINETRIONE DIHYDRATE

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SODIUM DICHLORO-S-TRIAZINETRIONE DIHYDRATE

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081407

SODIUM DICHLORO-S-TRIAZINETRIONE DIHYDRATE

TYPE PESTICIDE: Algaecide, Antimicrobial, Fungicide

FORMULATIONS:

Tech	(100%)
FI	(40%, 49.1%, 98%, 99%, 99.3%)
G	(0.9%, 2.95%, 5.6%, 5.63%, 5.8%, 6%, 11.25%, 18%, 22.5%, 25%, 28%, 33.6%, 34%, 37.5%, 38.1%, 40%, 45%, 49.1%, 54%, 60%, 96%, 99%, 99.3%, 99.5%, 100%)
P/T	(25%, 49.1%, 52%, 64%, 99%, 99.5%, 100%)
WP	(0.9%, 22.6%, 28%, 29%)
SC/S	(1.25%, 2.4%, 5.6%, 6%, 6.25%, 12.5%, 16%, 17%, 18%, 20%, 20.25%, 25%, 28%, 29%, 30%, 33%, 34%, 37%, 40%, 54%, 62.6%, 64%, 99.3%, 100%)

PRESENTATION OF INFORMATION: All final concentrations are expressed in parts per million (ppm) available chlorine. Concentrations are rounded to the nearest whole number when the value is less than 1,000 and to the third significant figure when the value is greater than 1,000. Dilutions are the ratio of the weight of the product to be diluted to the weight of water in which the product is diluted. The dilutions are rounded to the nearest whole number. For the purpose of ppm available chlorine concentration calculations, it is assumed that 56 percent of the total weight of the sodium dichloro-s-triazinetrione dihydrate product is available chlorine.

Definition of Terms:

ppm - parts per million

ppm avail. Cl - parts per million available chlorine

GENERAL WARNINGS AND LIMITATIONS: Triazinetriones are strong oxidants. Fire may result from contact with heat, acids, organic or combustible matter. Keep cover tightly closed. Store container in an upright position in a cool place. Do not mix with anything but water. Mixing with ammonia, acid detergents, or acid toilet bowl cleaners causes release of hazardous gasses.

Read labels very carefully for specific warnings, human toxicity statements, and environmental cautions.

Follow label directions for the disposal of the product container when empty.

Environmental Hazard Statement: Sodium dichloro-s-triazinetrine dihydrate is toxic to fish. Do not discharge into lakes, streams, ponds, or public waters unless in accordance with an NPDES permit. For guidance contact the regional office of EPA.

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Site, Efficacy, Dosage and Formulation	Use Directions

AQUATIC NONFOOD

(Aquatic Sites)

65018MA **Air Washer Water Systems**

General Instructions for Use: The products registered for this site are intended to control the growth of slime-forming bacteria, fungi, and algae.

Badly fouled systems must be cleaned by any suitable means before treatment is begun. Make application at a point in the system where the chemical will be uniformly mixed. When algal or microbial growth is noticed, an initial high concentration dosage should be used and repeated until control is achieved. When control is evident, a subsequent dosage of lower concentration should be used to maintain control. Should algae or slime become visible again, the initial slug dose should be used, followed by the maintenance procedure.

28 Microbicide/microbistat

BABAAA Slime-forming bacteria

YAFQBB Slime-forming fungi

KAAAAA Algae

8-15 ppm avail. Cl (5.63%, 11.25%, 22.5%, 45% G) or 3-9 ppm avail. Cl (99%, 99.3% G)	Initial treatment. When system is noticeably fouled, add product to system. Repeat until control is achieved.
4-8 ppm avail. Cl (5.63%, 11.25%, 22.5%, 45% G) or 0.5-5 ppm avail. Cl (99%, 99.3% G)	Subsequent treatment. When microbial control is evident, add product to system. Repeat as needed to maintain 1 ppm of chlorine residual in the recirculating water for at least 4 hours.

	Site, Efficacy, Dosage and Formulation	Use Directions
65030MB	Baths and Whirlpool Baths	
		General Instructions for Use: The product registered for this site is intended to clean and disinfect whirlpool baths. Drain whirlpool to just below water intake. Add product and start pump to circulate solution. Wash surfaces with a swab or sponge. Drain and rinse with fresh water.
28	Microbicide/microbistat	
BABAAA	Slime-forming bacteria	
KAAAAA	Algae	
	1 ppm avail. Cl (99% G)	Maintenance treatment. Broadcast granules into water with jets running.
65005JE	Brewery Pasteurizer Water	
		General Instructions for Use: The product registered for this site is intended to control slime-forming bacteria in tunnel pasteurizers and container warmers. Drain, clean, and refill pasteurizer prior to initial treatment. Add product to the water system by manual or automatic proportioner methods. Add product to each compartment or tank and allow for equal distribution throughout the pasteurizer system. Maintain concentration of product in the system by daily monitoring and addition of product. Periodically drain and clean the system.
28	Microbicide/microbistat	
BABAAA	Slime-forming bacteria	
YAFQBB	Slime-forming fungi	
	1-101 ppm avail. Cl (18% G) (99.5% P/T)	Initial slug, intermittent, or continuous feed treatment. When system is noticeably fouled, add product to system. Repeat until control is achieved.
	3-67 ppm avail. Cl (99.5% P/T)	Subsequent slug, intermittent, or continuous feed treatment. When microbial control is evident, add product to the system. Repeat daily, at 3 day intervals, or as needed to maintain control as intermittent or slug method. May also be applied as continuous feed method.

	Site, Efficacy, Dosage and Formulation	Use Directions
65019MA	Commercial and Industrial Water Cooling Towers and Evaporative Condensers	

General Instructions for Use: The products registered for this site are intended to control the growth of slime-forming bacteria, fungi, and algae which impair the efficiency of the system. Methods of application may be slug feed treatment, intermittent feed treatment, or continuous feed treatment.

Slug Feed Treatment - Treatment that involves addition of a specified dose to the system at 1 time. Treatment may be repeated at intervals, usually once a day or less frequently.

Intermittent Feed Treatment - Treatment that is on a semi-continuous basis. Provides a continuous dosage over a brief period and is repeated at stated intervals.

Continuous Feed Treatment - Treatment that is on an uninterrupted basis to provide a sustained concentration. Usually an initial slug dose is used to establish control prior to continuous treatment.

When algal or microbial growth is noticed, an initial high concentration dosage is used and repeated until control is achieved. When control is evident, a subsequent dosage of lower concentration is used to maintain control. Should algae or slime become visible again, the initial slug dose should be used, followed by the maintenance procedure.

Badly fouled systems must be cleaned by any suitable means before treatment is begun.

Products may be fed by drip-feed device, measuring container, or suitable chemical pump such as proportioning, variable speed positive displacement, or reciprocating types. Manual additions may also be used. Products should be fed at a location in the system where they will be uniformly mixed and evenly distributed.

Commercial and Industrial Water Cooling Towers and Evaporative Condensers (continued)

28 Microbicide/microbistat

BABAAA Slime-forming bacteria

YAFQBB Slime-forming fungi

KAAAAA Algae

Site, Efficacy, Dosage and Formulation	Use Directions
2-101 ppm avail. Cl (5.63%, 11.25%, 18%, 20%, 22.5%, 33.6%, 34%, 37.5%, 40%, 45%, 54%, 99%, 99.3%, 99.5%, 100% G) (99.5% P/T) (33%, 54%, 100% SC/S)	Initial slug, intermittent, or continuous feed treatment. When system is noticeably fouled, add product to system. Repeat until control is achieved.
1-67 ppm avail. Cl (5.63%, 11.25%, 18%, 20%, 22.5%, 33.6%, 34%, 37.5%, 45%, 54%, 99%, 99.3%, 99.5%, 100% G) (99.5% P/T) (33%, 54%, 100% SC/S)	Subsequent slug, intermittent, or continuous feed treatment. When microbial control is evident, add product to system. Repeat as needed to maintain 1 ppm of chlorine residual in the recirculating water for at least 4 hours.

	Site, Efficacy, Dosage and Formulation	Use Directions
65028MA	**Heat Exchanger Water**	General Instructions for Use: The products registered in this site are microbistats used to control the growth of slime-forming bacteria, slime-forming fungi, and algae in industrial recirculating heat exchanger water. The object of control is to stabilize the microbial population at a level at which slimes will not interfere with the operating efficiency of the system. These products are for industrial and commercial use only. Systems should be drained and thoroughly cleaned to remove algae, microbiological slime and other deposits prior to treatment. Treatment involves an initial dose which is repeated until microbial control is obtained, followed by subsequent doses added periodically to maintain control. Add product at a point in the system where it will be uniformly mixed and evenly distributed. Application is by slug, intermittent, or continuous feed methods. In systems which are not recirculating, product should be added at various locations in the system to facilitate distribution of treatment. Feed product into system by chemical metering pump or disperse in measuring container. The frequency of addition of maintenance doses depends upon the amount of blowdown and the severity of the microbiological problem.
28	Microbicide/microbistat	
BABAAA	Slime-forming bacteria	
YAFQBB	Slime-forming fungi	
KAAAAA	Algae	
	7-109 ppm avail. Cl (99.5% G) (99.5% P/T) (54% SC/S)	Initial slug, intermittent, or continuous feed treatment. When system is noticeably fouled, add product to the system. Repeat until control is achieved.
	3-67 ppm avail. Cl (99.5% G) (99.5% P/T) (54% SC/S)	Subsequent slug, intermittent, or continuous feed treatment. When microbial control is evident, add product to the system. Repeat daily, at 3 day intervals or as needed to maintain control as intermittent or slug method. May also be applied as continuous feed method.

	Site, Efficacy, Dosage and Formulation	Use Directions
65029MA	Industrial Processing Water	
		General Instructions for Use: The products registered for this site are intended to control slime-forming bacteria, slime-forming fungi, and algae in industrial non-potable water supplies. An initial high dosage is used when treatment is begun and repeated until control is achieved. This is followed by the lower subsequent dose to maintain control.
28	Microbicide/microbistat	
BABAAA	Slime-forming bacteria	
YAFQBB	Slime-forming fungi	
KAAAAA	Algae	
	4-101 ppm avail. Cl (99.5% G) (99.5% P/T) (20% SC/S)	Initial slug, intermittent, or continuous feed treatment. When system is noticeably fouled, add product to the system. Repeat until control is achieved.
	3-67 ppm avail. Cl (99.5% G) (99.5% P/T)	Subsequent slug, intermittent, or continuous feed treatment. When microbial control is evident, add product to the system. Repeat daily, at 3 day intervals, or as needed to maintain control as intermittent or slug method. May also be applied as continuous feed method.

Site, Efficacy, Dosage and Formulation | Use Directions

65025MA **Secondary Oil Recovery Systems**

General Instructions for Use: The products registered for this site are intended for use in secondary oil recovery water systems such as oil field water flood or salt water disposal systems for the control of sulfate-reducing bacteria (*Desulfovibrio desulfuricans*), and aerobic slime-forming bacteria (*Pseudomonas* sp. and *Bacillus* sp.) which impair efficiency of the system. Method of application may be slug, intermittent, or continuous.

Slug Feed Treatment. Treatment that involves addition of a specified dose to the system at 1 time. Treatment may be repeated at intervals, usually once a day or less frequently.

Intermittent Feed Treatment. Treatment that is on a semi-continuous basis. Provides a continuous dosage over a brief period and is repeated at stated intervals.

Continuous Feed Treatment. Treatment that is on an uninterrupted basis to provide a sustained concentration. Usually an initial slug dose is used to establish control prior to continuous treatment.

When algal or microbial growth is noticed, an initial high concentration dosage is used and repeated to obtain control. When control is evident, a subsequent dosage of lower concentration is used to maintain control.

Badly fouled systems must be cleaned by any suitable means before treatment is begun.

Products may be fed by drip-feed device, measuring container, or suitable chemical pump such as proportioning, variable speed positive displacement, or reciprocating types. Manual additions may also be used. Products should be fed at a location in the system where they will be uniformly mixed and evenly distributed.

Hyamine treatment recommendations may vary depending upon the design of the specific system and the specific problems. Bacteriological and chemical tests should be performed to determine the nature of the problem, establish the number and type of microorganisms present, and estimate the amount of the proper dosage needed for treatment.

Secondary Oil Recovery Systems (continued)

.28 Microbicide/microbistat

BABAAA Slime-forming bacteria

YAFQBB Slime-forming fungi

KAAAAA Algae

Dosage and Formulation	Use Directions
45-450 ppm avail. Cl (99.5% P/T)	Slug feed treatment.
45-225 ppm avail. Cl (99.5% P/T)	Intermittent feed treatment or subsequent slug. When system is noticeably fouled, add product to system. Repeat every 3 days or as needed to maintain control.
15-225 ppm avail. Cl (99.5% P/T)	Continuous feed treatment.

65011MA Swimming Pool Water

General Instructions for Use: The products registered for this site are for use as disinfectants and algaecides in swimming pool water. Treatment procedures for swimming pool water include initial treatment for newly filled pools, maintenance, superchlorination, and winterizing.

Initial treatment. For the initial treatment of newly filled pools or for pool start-up, one or more high doses of product are added until the proper residual chlorine is established. Prior to initial treatment, backwash or properly clean filter system and adjust pH to specified range (usually pH 7.2 to 7.6 for chlorine-bearing products).

The use of a chlorine stabilizing agent such as s-triazinetriol (cyanuric acid) is recommended by some products prior to or following the initial treatment. The stabilizer (or conditioner) is used to slow the dissipation rate of the residual chlorine. Stabilized pools usually require maintenance of a higher concentration of residual chlorine than unstabilized pools.

Maintenance. To maintain the proper residual chlorine, daily or less frequent doses of product are added to the pool water. Maintenance of a resi-

Site, Efficacy, Dosage and Formulation — Use Directions

Swimming Pool Water (continued)

dual chlorine is dependent on ambient temperature, light intensity, bather load, and airborne contaminants. Test pool water with test kits frequently to maintain the proper residual chlorine level and the proper pH. Follow label directions for method of application (e.g., broadcast on the surface, predissolve in water, and pour in skimmer, floating dispenser, or automatic feeding device).

Superchlorination. Superchlorination or shock treatment is used to quickly increase the residual chlorine in the pool water. Superchlorination is used periodically to control algae and reduce accumulated organic matter due to high temperatures, rain, and wind. Products usually specify treatment once every 7 or 14 days. Add when pool is not in use. Do not allow swimmers to enter pool until residual chlorine falls below 2.0 to 3.0 ppm as indicated by proper testing.

Winterizing. Product is added to pool water to control the growth of algae and odor-causing bacteria during the winter months. Add product prior to covering pool for the winter.

22 Disinfectant

KAAAAA Algae

Site, Efficacy, Dosage and Formulation	Use Directions
0.8-4.2 ppm avail. Cl (49.1%, 96%, 99%, 100% G) or 8.2-15 ppm avail. Cl (49.1%, 60%, 99%, 99.3%, 100% G) (100% P/T) or 13.2 ppm avail. Cl (49.1% P/T)	Initial pool water treatment.

Site, Efficacy, Dosage and Formulation	Use Directions
Swimming Pool Water (continued)	
[MAI] 9.5-19.2 ppm avail. Cl (64% P/T) (64% SC/S)	Initial pool water treatment. Formulated with alkyl*dimethyl benzyl ammonium chloride *alkyl (95% C14, 3% C12, 2% C16).
0.4-4 ppm avail. Cl (60%, 96%, 99%, 99.3%, 100% G) (100% P/T) or 1-2 ppm avail. Cl (100% SC/S)	Maintenance pool water treatment.
[MAI] 2.1-2.4 ppm avail. Cl (64% P/T) (64% SC/S)	Maintenance pool water treatment. Formulated with alkyl*dimethyl benzyl ammonium chloride *alkyl (95% C14, 3% C12, 2% C16).
3.8-8.7 ppm avail. Cl (60%, 96%, 99%, 100% G)	Superchlorination pool water treatment.
6.7 ppm avail. Cl (99% G)	Winterizing pool water treatment.
5 ppm avail. Cl (99% G) or 8.4 ppm avail. Cl (100% G)	Initial spa pool water treatment.
0.8 ppm avail. Cl (99% G) or	Maintenance spa pool water treatment.

Site, Efficacy, Dosage and Formulation	Use Directions
Swimming Pool Water (continued)	
2-4 ppm avail. Cl (100% G)	
4.2-8 ppm avail. Cl (100% G) or 5-8 ppm avail. Cl (99% G) (99% P/T)	Superchlorination spa pool water treatment.
5 ppm avail. Cl (99.3% G) or 8.3 ppm avail. Cl (100% P/T)	Superchlorination wader and splasher pool water treatment.
[MAI] 51.2 ppm avail. Cl (64% P/T) (64% SC/S)	Superchlorination wader and splasher pool water treatment. Formulated with alkyl*dimethyl benzyl ammonium chloride *alkyl (95% C14, 3% C12, 2% C16).

	Site, Efficacy, Dosage and Formulation	Use Directions
	INDOOR	
	(Pets and Domestic Animals) (Animals and Their Man-Made Premises)	
580040A	Hatching Egg Treatment	General Instructions for Use: The products registered in this site are used to sanitize hatching eggs to reduce bacterial contamination. For treatment of eggs for human consumption, see Commercial Egg Treatment. Treat eggs prior to incubation, soon after gathering. Product directions may require prewashing the eggs. Grossly soiled eggs should not be used for hatching. Dilute product and apply by dipping, by spraying, or by cloth. The temperature of the solution should be warmer than the eggs to prevent infusion of the product solution into the eggs. A temperature of 110 to 120 F (43.3 to 48.9 C) is usually recommended. A potable water rinse is specified for some products.
23	Sanitizer	
	104-118 ppm avail. Cl (28%, 99% G) (28% WP) (17%, 28% SC/S)	Sanitization of eggs for hatching. With a conveyor type machine, spray with the solution and allow eggs to drain and dry.

(Agricultural Premises and Equipment)

'580010A Commercial Egg Treatment

General Instructions for Use: The products registered in this site are for use in cleaning and sanitizing commercial eggs (i.e., eggs intended for human consumption). These products reduce bacteria on egg shell surfaces which cause spoilage of fresh and storage eggs.

Single step method: Product is used for cleaning and sanitizing of eggs in one-step.

Two step method: Procedure requires 2 steps: 1) the initial cleaning of eggs and gross reduction of bacteria, followed by; 2) final sanitization with a sanitizing rinse. Products may be cleaners and sanitizers or sanitizers only. Cleaners and sanitizers are used in the first step or in both steps. Sanitizers are used only in the final sanitizing step.

Eggs are treated by spray, dip, or immersion. Label directions may specify use of product in 1) spray, tank-type, brush, oscillating, propeller, air-action, automatic conveyor, or systemized continuous washers; 2) basket or immersion washers; or 3) manual washing operations. Follow manufacturer's instructions for use of products in specific washer units. For immersion washing, a 2 to 5 minute immersion of eggs is specified. For egg plants operating under United States Department of Agriculture supervision, immersion of eggs in water is no longer permitted.

For federally inspected egg plants, operating under the supervision of the United States Department of Agriculture, follow the regulations of the U.S.D.A. Egg Grading Branch for washing egg shells.

U.S.D.A. recommended shell egg washing procedures:
1) Wash eggs promptly after gathering.
2) Do not try to clean excessively dirty eggs.
3) Water with an iron content in excess of 2 ppm should not be used.
4) Do not reuse wash water except when used in a continuous type washer.
5) Wash water temperature to be 90 F (32.2 C) or higher.
6) Maintain wash water at a temperature 20 to 40 F (11.1 to 22.2 C) warmer than the eggs.

Site, Efficacy, Dosage and Formulation	Use Directions
Commercial Egg Treatment (continued)	
	7) Spray rinse washed eggs with warm potable water containing an approved sanitizing compound. 8) Eggs should be reasonably dry before casing or breaking.
	Observe specific product directions concerning requirements for product dilution, water temperature, contact time, and potable water rinse. A thorough potable water rinse should be specified after final sanitizing treatment of eggs with residual sanitizer compound if eggs are to be immediately broken for use in the manufacture of egg products.
23 Sanitizer	
93-117 ppm avail. Cl (28%, 99% G) (17%, 28%, 34% SC/S) or 200-235 ppm avail. Cl (28% G) (28% SC/S)	Sanitization of eggs.

Site, Efficacy, Dosage and Formulation		Use Directions
/60005JE-2	Dairy Equipment (Unspecified)	

General Instructions for Use: The products registered in this site are for use on dairy equipment and dairy milk-contact surfaces. Note: Products were placed in this entry when the product label used the term "dairy" without specifying dairy farm (milk production) and/or dairy plant (milk processing).

Clean and rinse all equipment prior to sanitization. Deposits of milk solids will interfere with sanitization, thus all contaminating milk residue must be flushed from equipment and equipment surfaces prior to sanitization. Activity of chemical sanitizers may be adversely affected by ingredients in washing compounds and organic matter carried over from the wash solution. A rinse between the cleaning and the sanitizing treatment is important in maintaining the strength of the sanitizing solution. A one-step cleaner-sanitizer may be used without prior cleaning.

Dilute product as directed to prepare sanitizing solutions. Apply by circulation, immersion, wipe, swab, brush, or spray. Allow the solution to drain and air dry. Do not rinse the surface with water after sanitizing as this will recontaminate the surface.

Observe local regulations regarding contact time of sanitizing solutions. A 2 minute contact time is stipulated by health departments that follow the United States Public Health Service Ordinance and Code.

Sanitizing solutions used on food contact equipment and surfaces are regulated by the Food and Drug Administration and Indirect Food Additives under Title 21, Code of Federal Regulations, Section 178.1010. Solutions specified in this section may be safely used on food contact equipment and surfaces that are adequately drained before contact with food. The solutions may not exceed specified concentrations (100 ppm available chlorine).

Refer to Appendix F of the Grade 'A' Pasteurized Milk Ordinance - 1965 Recommendations of the United States Public Health Service for existing milk sanitization standards and local milk sanitization regulations.

Site, Efficacy, Dosage and Formulation	Use Directions
Dairy Equipment (Unspecified) (continued)	
23 Sanitizer	
93-210 ppm avail. Cl (2.95%, 5.6%, 25%, 28%, 99% G) (25% P/T) (5.6%, 6.25%, 20.25%, 25%, 28%, 29%, 34%, 40%, 62.6% SC/S) or 199-252 ppm (5.6%, 25%, 28%, 40% G) (5.6%, 20.25%, 25%, 28%, 34%, 40% SC/S) or 160 ppm (38.1% G)	Sanitization of precleaned equipment and utensils.

Site, Efficacy, Dosage and Formulation — Use Directions

600000A
71005JF

Dairy Farm Premises

General Instructions for Use: The products registered in this site are for use on floors, walls, and other non-food contact surfaces on Dairy Farm Premises.

Product is diluted with water and applied by rag, swab, sponge, brush, sprayer, or by immersion. Before sanitizer treatment, preclean and rinse all surfaces thoroughly. Remove gross filth from surfaces prior to treatment with one-step cleaner-disinfectants.

Non-food use limitation: No food tolerance has been established for product. Contamination of food or food animals by product residues is to be strictly avoided. Follow non-food use procedures:

1) Do not use in milking stalls, milking parlors, or milk houses (for phenolics, cresylic acid, and pine oils).
2) Remove all animals and feed from premises, vehicles, and enclosures.
3) Remove all litter and manure from floors, walls, and surfaces of barns, pens, stalls, chutes, and other facilities and fixtures occupied or traversed by animals.
4) Empty all troughs, racks, and other feeding and watering appliances.
5) Thoroughly clean all surfaces with soap or detergent and rinse with water.
6) Saturate all surfaces with the recommended disinfecting solution for a period of 10 minutes.
7) Immerse all halters, ropes, and other types of equipment used in handling and restraining animals, as well as forks, shovels, and scrapers used for removing litter and manure.
8) Ventilate buildings, cars, boats, and other closed spaces. Do not house livestock or employ treated equipment until product has been absorbed, set, or dried.
9) Thoroughly scrub all treated feed racks, mangers, troughs, automatic feeders, fountains, and waters with soap or detergent, and rinse with potable water before reuse.

	Site, Efficacy, Dosage and Formulation	Use Directions
	Dairy Farm Premises (continued)	
23	Sanitizer	
	200 ppm avail. Cl (40% G) (5.6%, 34% SC/S) or 122 ppm avail. Cl (29% WP) or 126 ppm avail. Cl (40% SC/S)	Sanitization of surfaces.
	(Household)	
630000A	Household Premises and Contents	
		General Instructions for Use: The products registered in this site are for use in household premises (i.e., walls, floors, fixtures) and contents (i.e., furnishings, equipment and other hard surfaces). Preclean surfaces prior to treatment when required. Dilute products as specified on labels. Apply by mop, wipe, scrub, or spray. For mold/mildew control, preclean hard non-porous surfaces prior to treatment when required. Apply by sponge, cloth, mop, or spray. Allow to dry. Do not rinse. Repeat periodically or when mold/mildew growth appears.
23	Sanitizer	
	-- (0.9% WP)	Sanitization of household premises.
22 24	Disinfectant Deodorizer	
	-- (0.9% WP)	Disinfectant-cleaner for surfaces.

	Site, Efficacy, Dosage and Formulation	Use Directions
	Household Premises and Contents (continued)	
24	Disinfectant	
	940 ppm avail. Cl (5.6% SC/S)	Disinfection of surfaces.
55000JA 55000GA	**Poultry House Premises and Equipment**	General Instructions for Use: The product registered in this site is for use in poultry houses, including broiler, layer and brooder houses, cages, coops, crates, feeding and watering equipment and other equipment found on these premises. Dilute product with water. Apply by cloth, swab, sponge, brush, spray, or immersion. Before sanitizer or disinfectant treatment, preclean and rinse all surfaces thoroughly. Remove gross filth from surfaces prior to treatment with one-step cleaner-disinfectants. Non-food use limitation: No food tolerance has been established for product. Contamination of food or food animals by product residues is to be strictly avoided. Follow non-food use directions: 1) Remove all poultry and feeds from premises, trucks, coops, and crates. 2) Remove all litter and droppings from floors, walls, and surfaces of facilities occupied or traversed by poultry. 3) Empty all troughs, racks, and other feeding and watering appliances. 4) Thoroughly clean all surfaces with soap or detergent and rinse with water. 5) Saturate surfaces with the recommended disinfecting solution for a period of 10 minutes. 6) Ventilate buildings, coops, and other closed spaces. Do not house poultry or employ equipment until treatment has been absorbed, set, or dried. 7) Thoroughly scrub treated feed racks, troughs, automatic feeders, fountains, and waterers with soap or detergent, and rinse with potable water before reuse.
22	Disinfectant	
	248 ppm avail. Cl (29% WP)	Disinfection of precleaned poultry house premises and equipment.

(Commercial and Industrial Uses)

(Food and Feed Processing Plants)

General Information:
Equipment and food contact surfaces general instructions for use: Thoroughly clean and rinse equipment. Sanitize immediately before equipment is to be used, or as specified by local regulations. One-step sanitizer-cleaners and disinfectant-cleaners may be used without prior cleaning. Dilute product as directed. Application may be by wet wipe, scrub, flood, flush, rinse, circulation, immersion, or spray methods.

Observe local regulations regarding contact period of the sanitizing solution. A 2 minute contact time is stipulated by health departments that follow the United States Public Health Service Ordinance and Code. Adhere to manufacturer's instructions regarding the temperature of diluent and rinse. Drain equipment and food contact surfaces thoroughly. Rinse with potable water when required.

Sanitizing solutions are regulated by the Food and Drug Administration as Indirect Food Additives under Title 21, Code of Federal Regulations, Section 178.1010. Solutions specified in this section may be safely used on food processing equipment within the prescribed conditions. The solutions may not exceed specified concentrations (200 ppm). A potable water rinse is not required following the use of the solutions, provided the equipment and surfaces are adequately drained before contact with food. The solutions may not exceed specified concentrations. A potable water rinse is required when drainage alone is inadequate to prevent adulteration of food products.

The use of sanitizing solutions other than those identified in 21 Code of Federal Regulations, Section 178.1010, disinfecting solutions, one-step sanitizer-cleaners and disinfectant-cleaners must always be followed by a potable water rinse.

Premises (i.e., floors, walls, and other non-food contact surfaces) general instructions for use: Product directions may require a precleaning step before treatment. Remove all particulate contamination. Application may be by wipe, scrub, rinse, mop, or spray. Allow recommended contact time. Remove or carefully protect food products and food packaging materials before using quaternary ammonium products. Avoid contamination of food contact surfaces and food when applying pesticide solutions. Drain surfaces thoroughly. Rinse with potable water where required.

For mold/mildew control, preclean hard non-porous surfaces prior to treatment when required. Apply by sponge, cloth, mop, or spray. Allow to dry. Do not rinse. Repeat periodically or when mold/mildew growth appears.

	Site, Efficacy, Dosage and Formulation	Use Directions
71019JE	Beverage Processing Equipment	General Instructions for Use: The products registered in this site are for use on beverage processing equipment. Beverage processing equipment includes utensils, tanks, vats, hoses, pipelines, fillers, capping, crowning, and bottling equipment and other beverage contact equipment used in beverage, soft drink, carbonated beverage, and bottling plant processing. Included in this section are products intended for final sanitizing of beverage bottles, cans, and other containers.
23	Sanitizer	
	160 ppm avail. Cl (38.1% G) or 118-234 ppm avail. Cl (5.6%, 28% SC/S) or 100-107 ppm (20.25%, 37% SC/S)	Sanitization of precleaned equipment and utensils.
71019JF	Beverage Processing Plant Premises	General Instructions for Use: The products registered in this site are for use on beverage processing plant premises (i.e., floors, walls, and other non-food contact surfaces).
23	Sanitizer	
	234 ppm avail. Cl (5.6% SC/S)	Sanitization of precleaned surfaces.

	Site, Efficacy, Dosage and Formulation	Use Directions
71003JE	Brewery Processing Equipment	General Instructions for Use: The products registered in this site are for use on brewery processing equipment. Brewery processing equipment includes utensils, tanks, vats, hoses, pipelines, fillers, capping and crowning equipment, filters, fermenters, and other food contact equipment used in brewery processing.
23	Sanitizer	
	99-210 ppm avail. Cl (5.6%, 25%, 28% G) (25% P/T) (5.6%, 20.25%, 25%, 28%, 34%, 40% SC/S) or 199-252 ppm avail. Cl (5.6%, 25%, 28%, 40% G) (5.6%, 25%, 28%, 34%, 40% SC/S) or 160 ppm avail. Cl (38.1% G)	Sanitization of precleaned equipment and utensils.

	Site, Efficacy, Dosage and Formulation	Use Directions
71003JF	Brewery Premises	
		General Instructions for Use: The products registered in this site are for use on brewery premises (i.e., floors, walls, and other non-food contact surfaces).
23	Sanitizer	
	210-252 ppm avail. Cl (40% G) (34%, 40% SC/S) or 100-126 ppm avail. Cl (34%, 40% SC/S)	Sanitization of precleaned surfaces.
	200 ppm avail. Cl (5.6% SC/S)	Sanitizer-cleaner for surfaces.
71004JE	Cannery Processing Equipment	
		General Instructions for Use: The products registered in this site are for use on cannery processing equipment including vats, conveyor belts, utensils, tanks, hoses, pipelines, fillers, and other food contact surfaces.
23	Sanitizer	
	234 ppm avail. Cl (5.6% SC/S)	Sanitization of precleaned equipment and utensils.
71004JF	Cannery Premises	
		General Instructions for Use: The products registered in this site are for use in canning plant premises (i.e., floors, walls, and other non-food contact surfaces).
23	Sanitizer	
	234 ppm avail. Cl (5.6% SC/S)	Sanitization of precleaned equipment and utensils.

	Site, Efficacy, Dosage and Formulation	Use Directions
/71000JF	Food Processing Equipment and Surfaces (Food Contact)	General Instructions for Use: The products registered in this site are for use on food processing equipment (i.e., blanchers, evaporators, fillers, tanks, vats, pipelines, valves, utensils, cutting boards, and other food contact surfaces).
A23	Sanitizer	
	93-126 ppm avail. Cl (5.6%, 25%, 28%, 99% G) (25% P/T) (28% WP) (5.6%, 17%, 20.25%, 25%, 28%, 29%, 34%, 37%, 40%, 62.6% SC/S) or 199-252 ppm avail. Cl (5.6%, 25%, 28%, 34%, 40% G) (5.6%, 25%, 28%, 34%, 40%, 75% SC/S) or 160 ppm avail. Cl (38.1% G)	Sanitization of precleaned equipment and utensils.

	Site, Efficacy, Dosage and Formulation	Use Directions
71000JF	Food Processing Plant Premises	
		General Instructions for Use: The products registered in this site are for use on food processing plant premises (i.e., floors, walls, and other non-food contact surfaces).
23	Sanitizer	
	100-126 ppm avail. Cl (17%, 34%, 40% SC/S) or 122 ppm avail. Cl (29% WP) or 200-252 ppm avail. Cl (40% G) (34%, 40% SC/S)	Sanitization of precleaned surfaces.
	234 ppm avail. Cl (5.6% SC/S)	Sanitization of surfaces.
22	Disinfectant	
	427 ppm avail. Cl (38.1% G)	Disinfection of precleaned surfaces.
YABQBB	Mold/mildew	
	1170-1633 ppm avail. Cl (28% SC/S)	Mold/mildew control on surfaces.

	Site, Efficacy, Dosage and Formulation	Use Directions
71007JF	Fruit and Vegetable Premises	
		General Instructions for Use: The product registered in this site is for use in fruit and vegetable storage areas (i.e., floors, walls, and other non-food contact surfaces).
23	Sanitizer	
	234 ppm avail. Cl (5.6% SC/S)	Sanitization of precleaned surfaces.
71008JE	Meat Processing Equipment	
		General Instructions for Use: The products registered in this site are for use on food contact surfaces in meat processing plants (i.e., work tables, cutting block surfaces, saws, grinders, utensils, coolers, cleavers, gambrels, carts, trays, racks, trolleys, and similar equipment or food contact surfaces in meat packing plants, slaughter houses, smoke houses, and meat processing plants).
23	Sanitizer	
	100-118 ppm avail. Cl (5.6%, 20.25%, 28% SC/S) or 234 ppm avail. Cl (5.6% SC/S)	Sanitization of precleaned equipment and utensils.
22	Disinfectant	
	938 ppm avail. Cl (28% SC/S)	Disinfection of precleaned surfaces.

	Site, Efficacy, Dosage and Formulation	Use Directions
71008JF	Meat Processing Plant Premises	
		General Instructions for Use: The products registered in this site are for use in meat processing plant premises (i.e., floors, walls, and other non-food contact surfaces).
23	Sanitizer	
	199 ppm avail. Cl (5.6% SC/S) or 234 ppm avail. Cl (5.6% SC/S)	Sanitization of precleaned surfaces.
YABQBB	Mold/mildew	
	1170-1633 ppm avail. Cl (28% SC/S)	Mold/mildew control on surfaces.
71005JE	Milk Processing Equipment	
		General Instructions for Use: The products registered in this site are for use in milk and dairy processing plants. Included in this section are products used to sanitize blanchers, evaporators, homogenizers, holding tanks, pipelines, valves, utensils, butter starter tanks, cheese processing equipment and utensils, and similar milk contact equipment.
23	Sanitizer	
	93-118 ppm avail. Cl (99% G) (25%, 28%, 37% SC/S) or 160 ppm avail. Cl (38.1% G)	Sanitization of precleaned equipment and utensils.

	Site, Efficacy, Dosage and Formulation	Use Directions
71005JF	Milk Processing Plant Premises	
		General Instructions for Use: The products registered in this site are for use in milk and dairy processing plant premises (i.e., floors, walls, ceilings, and other non-food contact surfaces). Also refer to Dairy Farm Premises for efficacy, dose and use information.
22	Disinfectant	
	600 ppm avail. Cl (37% SC/S)	Disinfection of precleaned surfaces.
YABQBB	Mold/mildew	
	1170-1633 ppm avail. Cl (28% SC/S)	Mold/mildew control on surfaces.
71009JE	Poultry Processing Equipment	
		General Instructions for Use: The products registered in this site are for use on food contact surfaces in poultry processing and packing plants (i.e., cutting surfaces, picking machines, utensils, eviscerating lines, shackle lines, chill tanks, packing tables, and other equipment and food contact surfaces).
23	Sanitizer	
	100-118 ppm avail. Cl (5.6%, 25%, 28% SC/S) or 199-244 ppm avail. Cl (5.6%, 25%, 29% SC/S)	Sanitization of precleaned equipment and utensils.

	Site, Efficacy, Dosage and Formulation	Use Directions
	Poultry Processing Equipment (continued)	
22	Disinfectant	
	1056 ppm avail. Cl (20.25% SC/S)	Disinfection of precleaned equipment and utensils.
71009JE	Poultry Processing Plant Premises	
		General Instructions for Use: The products registered in this site are for use in poultry processing plants (i.e., floors, walls, ceilings, and other non-food contact surfaces).
23	Sanitizer	
	199 ppm avail. Cl (5.6% SC/S) or 234 ppm avail. Cl (5.6% SC/S)	Sanitization of precleaned surfaces.
71010JE	Winery Processing Equipment	
		General Instructions for Use: The product registered in this site is for use on winery processing equipment and other food contact surfaces.
23	Sanitizer	
	100 or 200 ppm avail. Cl (5.6% SC/S)	Sanitization of precleaned equipment and utensils.
71010JF	Winery Processing Plant Premises	
		General Instructions for Use: The product registered in this site is for use on winery premises (i.e., floors, walls, and other non-food contact surfaces).
23	Sanitizer	
	200 ppm avail. Cl (5.6% SC/S)	Sanitization of precleaned surfaces.

Site, Efficacy, Dosage and Formulation — Use Directions

(Eating Establishments)

72006JE Eating Establishment Equipment and Utensils

General Instructions for Use: The products registered in this site are for use on equipment and utensils in eating establishments (i.e., restaurants, taverns, bars, cafeterias, etc.) where food and beverages are served. Utensils include silverware, dishes, glassware, and similar cooking and eating utensils. Equipment includes fixtures, stoves, sinks, and refrigerators.

Sanitizers which are registered for use on food contact surfaces are required to be in compliance with the food additive regulations identified in Title 21 Code of Federal Regulations, Section 178.1010, Sanitizing solutions.

Sanitizer food contact surface treatment instructions:
1) Remove surface soils by scraping or flushing with water.
2) Wash with a suitable detergent or cleaner.
3) Rinse with potable water.
4) Dilute product according to label directions.
5) Apply by immersion, flooding, spraying, mopping, sponging, or wiping making sure to wet all surfaces thoroughly.
6) Allow for the specified contact time (at least 1 minute).
7) Allow the use solution to drain and air dry.
8) Do not rinse the surface with water after sanitizing as this will recontaminate the surface.

Follow label instructions for products registered for use on food contact surfaces which are disinfectants.

Site, Efficacy, Dosage and Formulation	Use Directions
Eating Establishment Equipment and Utensils (continued)	
123 Sanitizer	
97.4-126 ppm avail. Cl (5.6%, 5.8%, 6%, 25%, 28%, 99% G) (99% P/T) (28% WP) (2.4%, 5.6%, 6%, 6.25%, 17%, 20.25%, 25%, 28%, 30%, 34%, 37%, 40%, 62.6% SC/S) or 199-252 ppm avail. Cl (5.6%, 25%, 28%, 40%, 99% G) or 50-235 ppm avail. Cl (2.4%, 5.6%, 17%, 25%, 28%, 34%, 40% SC/S) or 160 ppm avail. Cl (38.1% G) or -- (0.9% G)	Sanitization of precleaned equipment and utensils.

	Site, Efficacy, Dosage and Formulation	Use Directions
720000A	Eating Establishment Premises	General Instructions for Use: The products registered in this site are for use on eating establishment premises (i.e., floors, walls, and other non-food contact surfaces). Eating establishment premises include commercial restaurants and cafeterias, institutional and household kitchens and dining areas, etc. Preclean surfaces before treatment with the antimicrobial solution. Dilute product according to label directions. Apply by mop, spray, cloth, sprinkle, scrub, brush, or machine apparatus. Thoroughly wet surfaces to be treated. Avoid contamination of foods or food contact surfaces. Some products require a rinse with potable water following the antimicrobial treatment.
23	Sanitizer	
	100-126 ppm avail. Cl (34%, 40% SC/S) or 210-252 ppm avail. Cl (40% G) (5.6%, 34%, 40% SC/S)	Sanitization of precleaned surfaces.
22	Disinfectant	
	427 ppm avail. Cl (38.1% G)	Disinfection of precleaned surfaces.
22 24	Disinfectant Deodorizer	
	608 ppm avail. Cl (25% SC/S)	Disinfection of precleaned surfaces.

	Site, Efficacy, Dosage and Formulation	Use Directions
	(Food Markets)	
'73001JE	Food Dispensing Equipment	General Instructions for Use: The products listed in section are registered as disinfectants and sanitizers for use on food dispensing equipment (e.g., vending machines, beverage dispensers, soft serve ice cream machines, etc.). Preclean equipment. One-step disinfectat-cleaners and sanitizer-cleaners do not require a precleaning step. Apply product at recommended dilution. Rinse food contact surfaces with potable water prior to reuse where required. Sanitizing solutions used on food contact surfaces and equipment are regulated by the Food and Drug Administration as Indirect Food Additives under Title 21, Code of Federal Regulations, Section 178.1010. Sanitizing solutions specified in this section may be safely used on food processing equipment when used within the prescribed conditions of this section. The use concentration of sanitizing solutions may not exceed that specified within Title 21, Code of Federal Regulations, Section 178.1010. Apply product only as specified on the label and technical data sheet.
.23	Sanitizer	
	126 ppm avail. Cl (6% G) or 50-393 ppm avail. Cl (2.4%, 6.25% SC/S)	Sanitization of precleaned food dispensing equipment.

Site, Efficacy, Dosage and Formulation	Use Directions

(Domestic and Human Uses)

(Bathrooms)

880030A Bathroom Premises

General Instructions for Use: The products registered in this site are for use in bathroom premises (i.e., floors, walls, sinks, bathtubs, shower stalls, toilet seats, toilet exterior surfaces, and fixtures).

Preclean surfaces prior to treatment. A precleaning step is not required for one-step disinfectant-cleaners. Dilute product as directed. Apply by mop, sponge, brush, cloth, or spray. Wet surfaces thoroughly. Allow required contact time. Rinse where required.

Porous surfaces such as grout and unfinished or scarred surfaces may require a higher concentration of antimicrobial than non-porous surfaces such as porcelain and tile.

.22 Disinfectant
.24 Deodorizer

427 ppm avail. Cl (38.1% G)	Disinfection of precleaned surfaces.
-- (0.9% WP) or -- (0.9% G)	Disinfecting-cleaner for surfaces.

	Site, Efficacy, Dosage and Formulation	Use Directions
880040A	Toilet Bowls and Urinals	
		General Instructions for Use: The products registered in this site are for use on toilet bowl and urinal surfaces and water.
22 24	Disinfectant Deodorizer	
	336 ppm avail. Cl (0.9% G) or -- (0.9% WP)	Disinfectant-cleaner for surfaces.
	(Laundry)	
87007HD	Diapers (Commercial)	
		General Instructions for Use: The products registered in this site are for use on large loads of diapers in large commercial wash wheels with dosages based on 100 pounds of dry fabric. The products are for use by diaper services and hospital, industrial, and institutional laundries only. The object of control of the residual bacteriostats and self-sanitizers is to inhibit the growth of odor-causing and ammonia-producing bacteria (e.g., Brevibacterium ammoniagenes.) which act on urine in diapers. Residual antimicrobial activity is effective only under conditions of high relative humidity or wet contamination. Wet diapers should be spin dried before product is applied. Add the diluted product in the pre-wash, followed by the regular wash cycle with a good detergent. Use sanitizing solution promptly after mixing.
23 24	Sanitizer Deodorizer	
	189-212 ppm avail. Cl (18% G) or 189 ppm avail. Cl (18% SC/S)	Sanitization of diapers.

	Site, Efficacy, Dosage and Formulation	Use Directions
87006HD	Laundry (Hospital, Commercial, and Institutional)	General Instructions for Use: The products registered in this site are for use in the treatment of laundry (i.e., washable fabrics such as clothing, linens, sheets, towels, blankets, uniforms, and bathing suits) in commercial, institutional, and medical establishments (i.e., schools, restaurants, hotels, motels, athletic facilities, and hospitals). Fabrics are treated in bulk or multifamily laundry loads. Commercial machines typically handle 50 to 100 pounds of fabric per load and have a lower fabric-to-water weight ratio (1:3 to 1:5) than home washing machines (1:10 to 1:15). Wet fabrics should be spin dried before product is applied. Add the diluted product in the pre-wash, followed by the regular wash cycle with a good detergent. Use sanitizing solution promptly after mixing.
23	Sanitizer	
	189-200 ppm avail. Cl (18% G) (18% SC/S)	Sanitization of laundry.

	Site, Efficacy, Dosage and Formulation	Use Directions
/87006HE	Laundry (Household)	General Instructions for Use: The products registered in this site are for use in the treatment of household laundry (i.e., clothing, linens, sheets, towels, and dish cloths). Wash water additive (machine or handwash). Add product to wash water. Rinse fabric following treatment.
A23	Sanitizer	
	-- (1.25% SC/S)	Sanitization of laundry.
	(Refuse)	
/890010A	Garbage Containers	General Instructions for Use: The products in this site are for use on garbage container surfaces. Clean and rinse surfaces prior to treatment. One-step disinfectant-cleaners and sanitizer-cleaners do not require a precleaning step. Dilute product as directed on label. Application is by wipe, mop, swab, wash, rinse, or spray. Observe required contact time.
A22	Disinfectant	
A24	Deodorizer	
	427 ppm avail. Cl (38.1% G)	Disinfection of precleaned surfaces.
	-- (0.9% WP)	Disinfectant-cleaner for surfaces.

099.9901 100% technical chemical
sodium dichloro-s-triazinetrione dihydrate (081407) 100%
010182-00059

040.0002 40% formulation intermediate
sodium dichloro-s-triazinetrione dihydrate (081407) 40%
000230-00078

049.1002 49.1% formulation intermediate
sodium dichloro-s-triazinetrione dihydrate (081407) 49.1%
000230-00077

098.0002 98% formulation intermediate
sodium dichloro-s-triazinetrione dihydrate (081407) 98%
033980-00002

099.0002 99% formulation intermediate
sodium dichloro-s-triazinetrione dihydrate (081407) 99%
000230-00070 000230-00071 000524-00313* 001258-00903
010182-00059 033980-00003 053254-00002 053254-00003
*jacket currently unavailable for review

099.3002 99.3% formulation intermediate
sodium dichloro-s-triazinetrione dihydrate (081407) 99.3%
000230-00069

000.9004 0.9% granular
sodium dichloro-s-triazinetrione dihydrate (081407) 0.9%
003573-00040

002.9504 2.95% granular
sodium dichloro-s-triazinetrione dihydrate (081407) 2.95%
015265-00009

005.6004 5.6% granular
sodium dichloro-s-triazinetrione dihydrate (081407) 5.6%
000491-00226 005891-00019 006198-00006 040457-00007*
040871-00005 042709-00003 045244-00005*
*jacket currently unavailable for review

005.6304 5.63% granular
sodium dichloro-s-triazinetrione dihydrate (081407) 5.63%
007547-00023

005.8004 5.8% granular
sodium dichloro-s-triazinetrione dihydrate (081407) 5.8%
003573-00047

006.0004 6% granular
sodium dichloro-s-triazinetrione dihydrate (081407) 6%
005389-00006

011.2504 11.25% granular
sodium dichloro-s-triazinetrione dihydrate (081407) 11.25%
007547-00026

018.0004 18% granular
sodium dichloro-s-triazinetrione dihydrate (081407) 18%
001706-00142 009594-00019 032975-00011 040871-00007
045244-00001

022.5004 22.5% granular
sodium dichloro-s-triazinetrione dihydrate (081407) 22.5%
007547-00025 033576-00018

025.0004 25% granular
sodium dichloro-s-triazinetrione dihydrate (081407) 25%
006198-00005 006574-00009 010634-00019 037741-00002
040457-00006* 042148-00001 045244-00004*
*jacket currently unavailable for review

028.0004 28% granular
sodium dichloro-s-triazinetrione dihydrate (081407) 28%
001072-00017 015596-00007 032975-00016 040457-00004
040871-00006

033.6004 33.6% granular
sodium dichloro-s-triazinetrione dihydrate (081407) 33.6%
042322-00004

034.0004 34% granular
sodium dichloro-s-triazinetrione dihydrate (081407) 34%
010932-00008 039183-00007 044786-00006

037.5004 37.5% granular
sodium dichloro-s-triazinetrione dihydrate (081407) 37.5%
009640-00030

038.1004 38.1% granular
sodium dichloro-s-triazinetrione dihydrate (081407) 38.1%
001816-00017

040.0004 40% granular
sodium dichloro-s-triazinetrione dihydrate (081407) 40%
016833-00004 040457-00005

045.0004 45% granular
sodium dichloro-s-triazinetrione dihydrate (081407) 45%
007547-00024 033576-00023 040316-00001

049.1004 49.1% granular
sodium dichloro-s-triazinetrione dihydrate (081407) 49.1%
006284-00030 007364-00029 008791-00013 009215-00005
012465-00014

Listing of Registered Pesticide Products by Formulation (continued)

054.0004 54% granular
sodium dichloro-s-triazinetrione dihydrate (081407) 54%
003876-00058 043680-00009

060.0004 60% granular
sodium dichloro-s-triazinetrione dihydrate (081407) 60%
003432-00040

096.0004 96% granular
sodium dichloro-s-triazinetrione dihydrate (081407) 96%
007368-00006

sodium dichloro-s-triazinetrione dihydrate (081407) 96%
sodium bromide (013907) 4%
100%

000524-00377*
*jacket currently unavailable for review

099.0004 99% granular
sodium dichloro-s-triazinetrione dihydrate (081407) 99%
000148-01167 000524-00334 000524-00385 001258-00984
001258-01042 001258-01065 001317-00080 002292-00083
004524-00042 004591-00071 004875-00015 005736-00043
007368-00074 009403-00004 010600-00007 010932-00010
011541-00014 011741-00023 012465-00013* 027581-00011
034694-00008 042177-00005 042177-00030 043521-00001
045458-00007 045723-00001 045898-00020 046616-00004
053254-00002
*jacket currently unavailable for review

099.3004 99.3% granular
sodium dichloro-s-triazinetrione dihydrate (081407) 99.3%
000230-00086* 004829-00053 010332-00011 011659-00011
034571-00018 044801-00008 051624-00003 043574-00004
*jacket currently unavailable for review

099.5004 99.5% granular
sodium dichloro-s-triazinetrione dihydrate (081407) 99.5%
034571-00014

099.9904 100% granular
sodium dichloro-s-triazinetrione dihydrate (081407) 100%
000150-00036 000266-00030 000278-00050 000550-00096
001270-00182 001275-00041 001677-00044 001803-00022
003525-00057 005185-00226 005185-00227 005185-00278
006284-00027 006284-00028 007124-00031 007124-00048
007151-00005 007152-00017 007152-00021 007364-00025
007368-00063 007368-00065 008544-00013 008791-00012
008859-00006* 008866-00016 008866-00017 009087-00007
009157-00023 009157-00028 009157-00031 009215-00002
009411-00007 010079-00003 010183-00019 010183-00020
010897-00007 011005-00006 011329-00008 012465-00017
021144-00013 032456-00001 039183-00005

Listing of Registered Pesticide Products by Formulation (continued)

100% granular (continued)

042446-00003 042871-00004
*jacket currently unavailable for review

025.0005 25% pelleted/tableted
sodium dichloro-s-triazinetrione dihydrate (081407) 25%
006198-00013

049.1005 49.1% pelleted/tableted
sodium dichloro-s-triazinetrione dihydrate (081407) 49.1%
009087-00008

052.0005 52% pelleted/tableted
sodium dichloro-s-triazinetrione dihydrate (081407) 52%
potassium bromide (013903) 48%
100%

000524-00378*
*jacket currently unavailable for review

064.0005 64% pelleted/tableted
sodium dichloro-s-triazinetrione dihydrate (081407) 64%
alkyl*dimethyl benzyl ammonium chloride *alkyl (95% C14, 3% C12, 2% C16) (069184) 1%
65%

004829-00051

099.0005 99% pelleted/tableted
sodium dichloro-s-triazinetrione dihydrate (081407) 99%
004829-00062 004829-00068 004829-00069 007368-00071

099.5005 99.5% pelleted/tableted
sodium dichloro-s-triazinetrione dihydrate (081407) 99.5%
003876-00137 034571-00011 048525-00013

099.9905 100% pelleted/tableted
sodium dichloro-s-triazinetrione dihydrate (081407) 100%
004829-00054

000.9006 0.9% wettable powder
sodium dichloro-s-triazinetrione dihydrate (081407) 0.9%
003573-00037 003573-00049 003573-00051

022.6006 22.6% wettable powder
sodium dichloro-s-triazinetrione dihydrate (081407) 22.6%
005389-00011*
*jacket currently unavailable for review

028.0006 28% wettable powder
sodium dichloro-s-triazinetrione dihydrate (081407) 28%
001270-00211

029.0006 29% wettable powder
sodium dichloro-s-triazinetrione dihydrate (081407) 29%
001677-00091

001.2515 1.25% soluble concentrate/solid
sodium dichloro-s-triazinetrione dihydrate (081407) 1.25%
000777-00062 000777-00064

002.4015 2.4% soluble concentrate/solid
sodium dichloro-s-triazinetrione dihydrate (081407) 2.4%
000178-00009

005.6015 5.6% soluble concentrate/solid
sodium dichloro-s-triazinetrione dihydrate (081407) 5.6%
000110-00018 000230-00073 001270-00181 001791-00039
003573-00027 003573-00031 004313-00049 004828-00053
004875-00016 005136-00012 009313-00022 009594-00016
012179-00011 013680-00019 016833-00001 018305-00010
032975-00017 035495-00010 044543-00006 049488-00003

006.0015 6% soluble concentrate/solid
sodium dichloro-s-triazinetrione dihydrate (081407) 6%
000524-00366 005389-00006

006.2515 6.25% soluble concentrate/solid
sodium dichloro-s-triazinetrione dihydrate (081407) 6.25%
001275-00027

012.5015 12.5% soluble concentrate/solid
sodium dichloro-s-triazinetrione dihydrate (081407) 12.5%
042148-00002*
*jacket currently unavailable for review

016.0015 16% soluble concentrate/solid
sodium dichloro-s-triazinetrione dihydrate (081407) 16%
005389-00010*
*jacket currently unavailable for review

017.0015 17% soluble concentrate/solid
sodium dichloro-s-triazinetrione dihydrate (081407) 17%
005736-00017

018.0015 18% soluble concentrate/solid
sodium dichloro-s-triazinetrione dihydrate (081407) 18%
000230-00074 000524-00367 004875-00017 016833-00002
044543-00007

020.0015 20% soluble concentrate/solid
sodium dichloro-s-triazinetrione dihydrate (081407) 20%
027581-00017

020.2515 20.25% soluble concentrate/solid
sodium dichloro-s-triazinetrione dihydrate (081407) 20.25%
001317-00065 001677-00053

025.0015 25% soluble concentrate/solid
sodium dichloro-s-triazinetrione dihydrate (081407) 25%
000110-00016 000230-00076 000524-00361 000524-00362
000524-00363 001791-00040 004875-00018 005136-00013
005680-00022 005768-00012 005870-00033 006198-00007
008781-00008* 009129-00020* 009594-00018 010076-00015
013680-00018 016833-00005 032975-00007 035495-00012
042709-00002 043984-00002 044543-00009* 048925-00001*
049292-00010
*jacket currently unavailable for review

028.0015 28% soluble concentrate/solid
sodium dichloro-s-triazinetrione dihydrate (081407) 28%
000110-00017 000230-00072 001791-00041 004313-00048
004875-00019 005680-00023 009594-00020 010076-00016
010366-00006 010428-00016 012179-00009 012179-00010
015057-00015 016833-00003 018305-00009 033173-00002
035495-00011 044543-00005 045244-00002* 053263-00019
*jacket currently unavailable for review

029.0015 29% soluble concentrate/solid
sodium dichloro-s-triazinetrione dihydrate (081407) 29%
001677-00091

030.0015 30% soluble concentrate/solid
sodium dichloro-s-triazinetrione dihydrate (081407) 30%
007546-00017 009409-00001*
*jacket currently unavailable for review

033.0015 33% soluble concentrate/solid
sodium dichloro-s-triazinetrione dihydrate (081407) 33%
034694-00007

034.0015 34% soluble concentrate/solid
sodium dichloro-s-triazinetrione dihydrate (081407) 34%
003635-00209 009594-00017 044543-00008 045244-00003*
*jacket currently unavailable for review

037.0015 37% soluble concentrate/solid
sodium dichloro-s-triazinetrione dihydrate (081407) 37%
011724-00038

040.0015 40% soluble concentrate/solid
sodium dichloro-s-triazinetrione dihydrate (081407) 40%
000110-00015 000230-00075 000524-00345 001791-00042
004875-00020 012179-00008 027581-00016 035495-00013

054.0015 54% soluble concentrate/solid
sodium dichloro-s-triazinetrione dihydrate (081407) 54%
034571-00007

Listing of Registered Pesticide Products by Formulation (continued)

062.6015 62.6% soluble concentrate/solid
sodium dichloro-s-triazinetrione dihydrate (081407) 62.6%
008405-00001

064.0015 64% soluble concentrate/solid
sodium dichloro-s-triazinetrione dihydrate (081407) 64%
alkyl*dimethyl benzyl ammonium chloride *alkyl (95% C14, 3% C12, 2% C16) (069184) 1%
65%

004829-00050

099.3015 99.3% soluble concentrate/solid
sodium dichloro-s-triazinetrione dihydrate (081407) 99.3%
051624-00003*
*jacket currently unavailable for review

099.9915 100% soluble concentrate/solid
sodium dichloro-s-triazinetrione dihydrate (081407) 100%
001124-00076 014886-00008

999999 State Label Registrations

CA Reg. No.
001803-04423 010932-04917

FL Reg. No.
010512-08275 012226-07306

HI Reg. No.
012384-08462 016816-09390

TX Reg. No.
009807-05996 009807-05999

EPA Compendium of Acceptable Uses

Appendix A-1

Listing of Active Ingredient(s) Found in Combination with the Report Chemical

Chemical Code	Common Name (source)	EPA Acceptable Common/Chemical Name
069184	alkyl*dimethyl benzyl ammonium chloride *alkyl (95% C14, 3% C12, 2% C16)	--
013903	potassium bromide	--
013907	sodium bromide	--

-- Use Common Name